

APRIL, 1859.

CORRESPONDENTS.

- WM. HUTTON, ESQ., Secretary to the Bureau of Agriculture, Toronto.  
 T. STERRY HUNT, ESQ., M.A., Chemist to the Geological Commission of Canada.  
 C. SMALLWOOD, ESQ., M.D., LL.D., Prof. of Meteorology, M'Gill College, Montreal.  
 JAMES WILLIAMSON, ESQ., A. M., LL.D., Professor of Mathematics and Natural Philosophy, Queen's College, Kingston.  
 H. A. HOWE, ESQ., A. M., *Emeritus*, Prof. of Math and Nat. History, McGill College, Montreal.  
 GEO. BUCKLAND, ESQ., Professor of Agriculture, University College, Toronto.  
 HENRY YOULE HIND, ESQ., Professor of Chemistry, Trinity College, Toronto.  
 G. F. KINGSTON, ESQ., M.A., Director of Magnetic Observatory, Toronto.  
 REV. W. HINCKS, ESQ., F.L.S. &c., Professor of Nat. Hist., University College, Toronto.  
 HENRY H. MILES, ESQ., A.M., Vice-Principal, Professor of Mathematics and Natural History, Bishop's College, Lennoxville.  
 POPE, Esq., of Eaton; DOAK, Esq., of Compton; W. L. FELTON, Esq., of Belvidere; J. CHURCH, Esq., of Huntingville; ARTEMAS STEVENS, Esq., of Ascot, &c., and the Secretaries of the County Agricultural Societies.

PUBLISHED UNDER THE DIRECTION OF JAMES ANDERSON, ESQ.,

(Of Gorthleck.) F. S. S. A., &c., &c., &c., Government Drainage Commissioner for Scotland; Life Member of the Highland and Agricultural Society of Scotland; Late Commissioner Factor for the Right Honble. the Earl of Hopetoun; Author of "the Philosophy of Duty," "Letters on the Currency," and other Economical and Social Subjects; Series of First Class Prize Essays, "On the Application of the Sciences to Agriculture and the Arts." "The Allotment System," &c., &c.; Contributor to the Mark Lane Express, and English Farmers' Journal, &c., &c., &c.

CONTENTS.

FARMERS' JOURNAL.

April	169
Number of squares in an Acre	171
Manures with analyses	172
Farm management.—Capital—Implement—Size of farm.	177
Artificial Manures.	181
Dissolving Bones in sulphuric acid	182
Another mowing machine wanted	182

PASTURE AND BREEDING.

The Feeding of Horned and Polled Cattle, and the Production (or Manufacture) of Butcher's Meat Feeding properties of articles in common use ( <i>continued</i> )	188
Ayrshire or Devon Cattle as dairy Stock	187
Roots for Feeding Horses	187

LADIES' DEPARTMENT.

How a small farm was made to pay	188
Tomatoes for winter use	188
Strichnine	189
Effect of Brine on the human system	189
Lights and Shadows	189
The stranger on the Sill	189
Mrs. Traill's Bread	190
Indian-Meal Bread	191
Another Bread	191

ENGRAVING.

Portrait of Horses	176-177
Monthly Meteorological Report	191

MARKETS.	192
----------	-----