

VALUABLE AGRICULTURAL WORKS,

PUBLISHED BY D. APPLETON & CO., 200 BROADWAY,
RURAL ECONOMY;

CHEMISTRY, PHYSICS, AND METEOROLOGY; OR, CHEMISTRY APPLIED TO AGRICULTURE.

BY J. B. BOUSSIANGAULT,

Member of the Institute of France, etc.

TRANSLATED, WITH AN INTRODUCTION AND NOTES, BY GEORGE LAW, AGRICULTURIST.

One handsome volume, 12mo. of 500 pages. Price 1 50.

"The subjects are, Vegetable Physiology, and the Chemical Constitution of its Substances, Saccharine Fruits and Juices, Manures, Rotation of Crops, Feeding of Animals, Animal Origin, Economy of Animals, Stock in General and its production of Manures, Fattening of Domestic Stock, and Meteorological Considerations—all these subjects, with their various connections, are treated by their author in a clear, able and satisfactory manner, and the philosophy of the whole matter considered in its relation and applicability to agriculture. The work is the fruit of a long life of study and experiment, and its perusal will aid the farmer greatly in obtaining a practical and scientific knowledge of his profession"—*American Agriculturist*.

"To Liebig belongs the merit of a discoverer. He led the way in the application of exact science to agriculture—but he is, with all his transcendent merit, a tremendous theorizer. No such objection lies against M. Boussangault, who proceeds as carefully and experimentally as if in his own laboratory, and tests all his views upon his farm before giving them to the world. It is thus that gives such value to his book, which we warmly commend to our agricultural friends.—*Buffalo Adv.*

"A more complete manual cannot be desired."—*Courier and Enquirer*.

"We rejoice that this work of an eminent French teacher of Agricultural Science has been placed before the American public."—*Tribune*.

"The information it imparts is exceedingly full and comprehensive; it has for the farmer the great merit of exemption from scientific technicalities."—*N. Y. Commercial Advertiser*.

"We are satisfied that a valuable addition has been made to the amount of important agricultural information within our reach. M. Boussangault is not, by any means, a mere theorist, or man of science—he is a practical farmer, watching closely all the operations of his plantation, and handling the balance himself, weighing his calves, &c., from day to day, as well as the produce of his fields, has ascertained with exactness the results now produced."—*Farmer's Cabinet*.

THE

FARMER'S AND EMIGRANT'S HAND-BOOK:

A FULL AND COMPLETE GUIDE FOR THE FARMER AND EMIGRANT;

CONTAINING

The Clearing the Forest and Prairie Land—Gardening—Farming generally—Farriery—Cooking—
The Prevention and Cure of Diseases—with Copious Instructions, Tables, Recipes, and Hints

ADAPTED TO EVERY CLASS OF COUNTRY RESIDENTS.

By J. T. MARSHALL, Author of "The Emigrant's True Guide."

One volume, 12mo. Illustrated with numerous cuts. Bound in leather. \$1.

"This volume for citizens who are engaged in agricultural occupations in the newly settled districts is of the very highest value; although its worth is equal to every American Farmer and emigrant, whether he removes from the Eastern States or from Europe to fix his domicil on our Western lands, or even resides in the older settlements. In this hand-book, full of simplicity and adaptation to all persons who live in the country, the reader will learn abundant and reliable information respecting the purchase and clearing of timber land—the general management of an American farm, as to its buildings, fences, dairy, the household department and cookery, with which is incorporated a large number of the most useful directions appertaining to domestic life and economy—the nature of the diseases in the animals on a farm, with the remedies for them—an illustration of the common maladies of the human family, with hints for the preservation of health. The Fruit-garden, and Forest and Fruit-trees next are illustrated. Then follows directions to cultivate Dyer's Madder—to Cure and Pack Provisions for Europe; to make Lard-oil; and to obtain Hops; all which are represented as highly profitable articles for the maker. After which is introduced a synopsis of the Constitution of the United States, and the naturalization and pre-emption laws. To which is appended a Miscellany of information upon almost every prominent matter which is contained with the affairs of a farm, whether in the house or the stable, the field or the barn. Mr. Marshall's manual explains about fifteen hundred different subjects. It seems difficult to specify what additional information a farmer or an emigrant can require in a hand-book of experimental and practical intelligence upon agricultural topics."—*Literary Bulletin*.

"One of the most useful works we ever saw. We can point to no other book so good for the emigrant farmer."—*Boston Morning Post*.

"It is such a book as every emigrant from Europe, every man who 'goes West' to settle, ought to have. Many will think they cannot afford it, and pay at least a hundred dollars in losses for the knowledge they might have derived from it."—*Tribune*.

D. A. & CO. HAVE ALSO JUST PUBLISHED,

STABLE ECONOMY;

BEING A TREATISE ON THE MANAGEMENT OF HORSES, IN RELATION TO STABLING, GROOMING,
FEEDING, WATERING, AND WORKING.

BY JOHN STEWART,

Veterinary Surgeon, and lately Professor of Veterinary Medicine in the Andersonian University, Glasgow.

From the third English edition, with Notes and Additions, adapting it to American Food and Climate. By A. B. ALLEN,
Editor of the *American Agriculturist*.—Illustrated with numerous Engravings. One volume, 12mo. Price, 50.