



High Farming Without Manure; Six Lectures on Agriculture Delivered at the Experimental Farm at Vincennes (Paperback)

By Georges Ville

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New. 246 x 189 mm. Language: English . Brand New Book *****

Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1878 edition. Excerpt: .

LECTURE THIRD. ANALYSIS. On the Assimilation of Mineral Elements which penetrate the Plant in Aqueous Solution only.-- The Medium from whence the Roots obtain them.--The Soil is the Support of the Roots, the Recipient of the Solution that feeds them, and the Laboratory where this Solution is prepared: it is composed essentially of three Constituents: Humus, Clay, and Sand.--Properties of Humus: its Influence in the Soil fixes the Ammonia, is a constant Source of Carbonic Acid which dissolves the Mineral Matters, and is the principal Agent in supplying Plants with their Mineral Constituents.--Utility of Clay in Arable Land: imparts Consistence to the Soil, retards the Passage of Water, fixes Ammonia, and removes a large Quantity of Salts from Saline Solutions, storing them up for future Supply; establishes an Equilibrium between Seasons of Drought and Rainy Weather.--Sand forms part of every Soil; forms its principal...



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