

**AMERICAN MANURES;
AND FARMERS' AND
PLANTERS' GUIDE**

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American Manures; And Farmers' and Planters' Guide by James Bennett Chynoweth & William H. Bruckner

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JAMES BENNETT CHYNOWETH & WILLIAM H. BRUCKNER

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AND

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G U I D E.

COMPRISING

A DESCRIPTION OF THE ELEMENTS AND COMPOSITION OF
PLANTS AND SOILS—THE THEORY AND PRACTICE OF
COMPOSTING—THE VALUE OF STABLE MANURE
AND WASTE PRODUCTS, ETC., ETC., ETC.

ALSO,

CHEMICAL ANALYSES OF THE PRINCIPAL MANUFACTURED
FERTILIZERS—THEIR ASSUMED AND REAL VALUE—
AND A FULL EXPOSÉ OF THE

FRAUDS PRACTISED UPON PURCHASERS.

BY

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ANALYTICAL AND CONSULTING CHEMIST.

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PREFACE.

KNOWLEDGE is indispensably necessary to better the condition of mankind. The possession of the information that will enable us to procure what we need, is oftentimes more valuable than the possession of the same without such knowledge; the advantages of the latter are temporary, those of the former are permanent.

To be warned of danger is better than to be armed to resist it. When the wrongs and impositions practised on communities are fully exposed, they have no one to blame but themselves for their continuance. It has ever been considered the duty of each member of a community to do all in his power to expose and redress existing wrongs, especially when those wrongs affect the vital interests of all. From these considerations we feel it a duty, and we claim the right of giving freely the knowledge

we possess on the subjects treated in this book. We shall unmask practices that have been backed up by favorable reports, and artfully designed statements, falsely claiming to be benefits conferred on the community, and which, from a want of knowledge to distinguish real from imaginary good, have passed currently as such. We shall not attempt to disprove the statements of dishonest manufacturers of fertilizers by mere reasoning; we only desire the reader closely to scrutinize and compare the facts as given, and make his own deductions. We challenge the parties assailed to disprove them.

We expect to offend some: when wrongs are exposed, this is inevitable; and those parties may endeavor to refute the statements made. Our justification is written down in the following pages. In the language of Cicero, we shall "Neither dare to say anything that is false, nor fear to say anything that is true."

PHILADELPHIA,
May 1st, 1871.

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