



Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators)

G.E. Fussell

Download now

[Click here](#) if your download doesn't start automatically

Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators)

G.E. Fussell

Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) G.E. Fussell

Eighteenth-century British gentleman farmer Jethro Tull (1674-1741) is popularly regarded as the inventor of the seed drill, widely cited by agricultural historians, soil scientists and school history textbooks alike.

Whether Tull was in fact the first to experiment with a mechanical seed drill and the horse-drawn cultivators drilling made possible is doubtful, but he did do much to make their acceptance in the long run more widespread. What is less well known is that Tull's mechanical innovations were accompanied by a theory of plant nutrition-and a social agenda-that were equally important to the adoption of the new machines.

Although he came to be celebrated by later generations, Tull's work attracted fierce critics in his own day and immediately after, not least because he categorically rejected the value of manures in maintaining soil fertility. Instead, he proposed a mechanistic theory of plant nutrition in which the stirring of the soil with the cultivator could substitute for the processes of decomposition thought to be contributed by manures, with less labor and expense. For Tull, the drill was part of an explicit strategy to minimize reliance on an unruly labor force. He also directly challenged the idea that Virgil and other classical authorities could be of any practical use in farm management. In other words, Tull was an anti-georgic improver, and could only be reinserted into the canon of agricultural history through the efforts of later agriculturists to gloss over the objectionable parts of his work. This paper explores how, a century before Liebig, Tull's *Horse-Hoeing Husbandry* (1731 and later editions) sparked heated debates over a constellation of issues that are still with us today: no-till vs. tillage, net profits vs. gross yields, soil biology vs. soil chemistry, yield per acre vs. yield per unit of labor, rotation costs vs. input costs.

 [Download Jethro Tull: His Influence on Mechanized Agricultu ...pdf](#)

 [Read Online Jethro Tull: His Influence on Mechanized Agricul ...pdf](#)

Download and Read Free Online Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) G.E. Fussell

From reader reviews:

Barbara Spangler:

The book Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) make one feel enjoy for your spare time. You may use to make your capable much more increase. Book can for being your best friend when you getting strain or having big problem using your subject. If you can make looking at a book Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) to become your habit, you can get far more advantages, like add your capable, increase your knowledge about a number of or all subjects. It is possible to know everything if you like open and read a reserve Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators). Kinds of book are several. It means that, science e-book or encyclopedia or some others. So , how do you think about this book?

Harold Martinez:

As people who live in typically the modest era should be revise about what going on or facts even knowledge to make them keep up with the era that is certainly always change and move ahead. Some of you maybe will probably update themselves by reading books. It is a good choice for you but the problems coming to a person is you don't know what kind you should start with. This Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) is our recommendation to make you keep up with the world. Why, because this book serves what you want and want in this era.

Jewel Williams:

The book Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) has a lot details on it. So when you read this book you can get a lot of gain. The book was written by the very famous author. Tom makes some research ahead of write this book. This kind of book very easy to read you can find the point easily after perusing this book.

Lillian Vaughn:

Don't be worry for anyone who is afraid that this book may filled the space in your house, you might have it in e-book way, more simple and reachable. This specific Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) can give you a lot of good friends because by you taking a look at this one book you have thing that they don't and make you more like an interesting person. This particular book can be one of one step for you to get success. This book offer you information that might be your friend doesn't understand, by knowing more than additional make you to be great men and women. So , why hesitate? We need to have Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators).

**Download and Read Online Jethro Tull: His Influence on
Mechanized Agriculture (Great Innovators) G.E. Fussell
#IX30GY2CFZA**

Read Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell for online ebook

Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell books to read online.

Online Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell ebook PDF download

Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell Doc

Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell Mobipocket

Jethro Tull: His Influence on Mechanized Agriculture (Great Innovators) by G.E. Fussell EPub