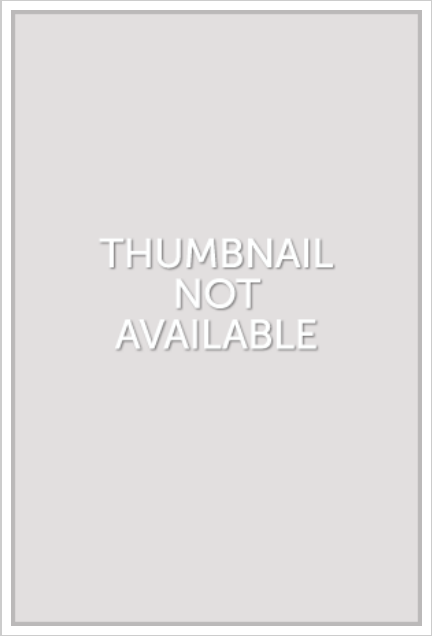

Non-active Rotary Paddy Weeder

By Ankitesh Shrivastava

LAP Lambert Academic Publishing Aug 2016, 2016. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - Chhattisgarh is one of the major rice growing states of India, paddy is the main crop, cultivated in about 76 % of area under agriculture. Mechanical weed control helps to reduce the drudgery involved in manual hoeing. Manufacturing process of paddy weeder involves several operations that are to be performed sequentially, repeatedly, effectively and hence emphasis is to perform all the operations more efficiently as well. Jigs were designed with the help of software SolidWorks, and were then developed at the Faculty of Agricultural Engineering, Raipur. The saving in cost of weeding was 60% and saving in time was 65% compared to manual weeding. The improved jigs facilitated the production in 60% of time taken by traditional jigs. Taguchi method was used to solve the problems related to improving the yield and productivity. Taguchi's Design of Experiments helped to pin-point the source of yield, and increase the yielding efficiency. The design of experiments was based on L8-orthogonal array of Taguchi methodology was implemented. The book outlines optimized production techniques for weeder's production and its emphasis via Taguchi methodology. 92 pp. Englisch.

Reviews

Extensive information! Its this sort of great read through. It is amongst the most incredible book i have go through. I realized this publication from my i and dad suggested this book to understand.

-- ***Prof. Devon Bernhard PhD***

These kinds of ebook is almost everything and got me to searching forward and a lot more. It usually does not price excessive. Its been written in an exceedingly basic way and is particularly only following i finished reading through this pdf through which in fact modified me, alter the way i really believe.

-- ***Athena Jones***