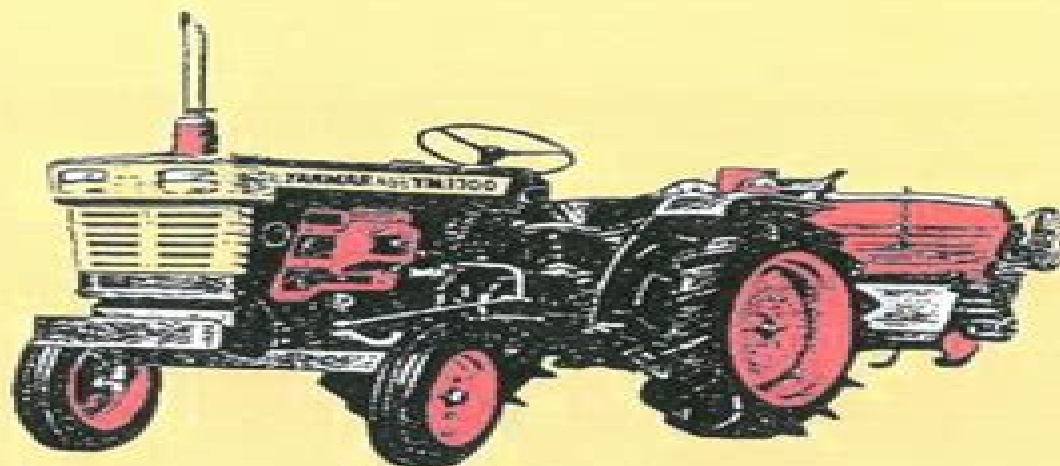


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Power Farming in Australia and New Zealand Technical Manual, 1987 Training of trainers manual on the operation, maintenance and repair of farm machinery Van Loon, J., Flores Rojas, M., 2022-05-05 This training of trainers ToT manual aims to provide insights into the operation maintenance and basic repair of farm machinery It provides an overview of the main concepts of equipment that can facilitate sustainable agriculture practices with examples and guidelines on the topic Its objective is to provide extension officers technicians mechanics and youth with the necessary information and skills to become trainers and deliver technical capacity sessions on this topic There is a mix of theory and practice in this training Participants must have the time to individually perform the different tasks described in the modules with close supervision The training manual comprises four modules Module 1 covers different tractors as a power source and power take off operations Module 2 focuses on the implements and equipment attached to tractors for field operations Module 3 is about harvest post harvest and storage technologies Module 4 covers general aspects and tips for maintenance spare parts and replacements **Enhancing Resilience of Dryland Agriculture Under Changing Climate** Anandkumar

Naorem, Deepesh Machiwal, 2023-03-09 This contributed volume describes management practices based on interdisciplinary and convergence science approaches from different disciplines of agricultural science to enhance the resilience of dryland agriculture The main focus of this book is to address the current issues and trends along with future prospects and challenges in adopting salient agricultural management practices in drylands globally under a climate change scenario Climate change and global warming have profound repercussions on increasing frequency severity and duration of droughts and or floods which may have implications for future productivity of dryland agriculture e g more water shortages or abundances and high or low runoff rates diminished crop yields and reduced water productivity In past few years many technological advancements and management strategies have been evolved to tackle the climate induced risks of dryland agriculture considering interdisciplinary and convergence approaches that integrate knowledge from multi disciplines This book is an attempt to bridge the gap in literature by unraveling controversies and characteristics of dryland ecosystems under the changing climate and dealing with detailed procedures of applying the advanced practices adapted to climate change for management of dryland agriculture This edited book is of interest to ecologists economists environmentalists geologists horticulturalists hydrologists soil scientists social scientists natural resource conservationists and policy makers dealing with dryland agriculture This book offers a broad understanding of dryland agriculture and assists the reader to identify both the current as well as the probable future state of dryland agriculture in a global context **Farmers and**

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