Record Nr. UNINA9910627257703321 **Titolo** Farm machinery and processes management in sustainable agriculture // Simone Pascuzzi and Francesco Santoro, editors Pubbl/distr/stampa Cham, Switzerland: ,: Springer Nature Switzerland AG, , [2023] ©2023 **ISBN** 3-031-13090-1 Descrizione fisica 1 online resource (366 pages) Collana Lecture notes in civil engineering; ; Volume 289 631.3 Disciplina Soggetti Farm equipment Agricultural machinery Sustainable agricultur Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Intro -- Preface -- Contents -- The Structure of Engine Power Nota di contenuto of Agricultural Tractors Registered in Poland Between 2010 and 2020 -- 1 Introduction -- 2 Research Method -- 3 Results and Discussion --4 Conclusions -- References -- Tillage Quality and Draught Force of a Novel Plough Concept with Cambered Disc -- 1 Introduction -- 2 Materials and Methods -- 2.1 Site Description -- 2.2 Design of the Hybrid Plough -- 2.3 Experimental Design -- 2.4 Tillage Quality Assessment -- 2.5 Draught Force Measurement -- 2.6 Statistical Analysis -- 3 Results and Discussion -- 3.1 Tillage Quality -- 3.2 Draught Force -- References -- Theoretical Study of the Trajectory of Movement of a Ploughing Aggregate with a Reversible Plough on the Headlands -- 1 Introduction -- 2 Materials and Methods -- 3

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