1. Record Nr. UNINA9910777041603321 Autore Zimdahl Robert L. Titolo Fundamentals of Weed Science / / Robert L. Zimdahl Pubbl/distr/stampa Amsterdam:,: Academic Press, an imprint of Elsevier Inc.,, [2013] ©2013 **ISBN** 0-12-394426-0 1-281-01882-1 9786611018825 0-08-054985-3 Edizione [Fourth edition.] 1 online resource (689 p.) Descrizione fisica Disciplina 632.5 Soggetti Weeds Weeds - Control Herbicides Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Weeds--the beginning -- Weed classification -- Ethnobotany -- Weed reproduction and dispersal -- Weed ecology -- Invasive plants --Allelopathy -- The significance of plant competition -- Methods of weed management and control -- Biological weed control --Introduction to chemical weed control -- Properties and uses of herbicides -- Herbicides and plants -- Herbicides and soil -- Herbicide formulation -- Herbicides and the environment -- Pesticide legislation and registration -- Weed management systems -- Weed science--the future. Sommario/riassunto This book addresses herbicides and their use as an important aspect of modern weed management, and strives to place them in an ecological framework. Many weed scientists believe agriculture is a continuing struggle with weeds - without good weed control, good and profitable agriculture is impossible. Each agricultural discipline sees itself as central to agriculture's success and continued progress, and weed science is no exception. While not denying the importance of weed

management to successful agriculture, this book places it in a larger

ecological context. The roles of culture, economics,