

1. Record Nr.	UNINA9910458624203321
Autore	Zimdahl Robert L
Titolo	Agriculture's ethical horizon [[electronic resource] /] / Robert L. Zimdahl
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Academic Press, c2006
ISBN	1-280-63353-0 9786610633531 0-08-046112-3
Descrizione fisica	1 online resource (266 p.)
Disciplina	174/.963
Soggetti	Agriculture - Moral and ethical aspects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 226-229) and index.
Nota di contenuto	Front cover; Title page; Copyright page; Table of contents; Foreword; Preface; Acknowledgments; 1: The Horizon of Agricultural Ethics; SCIENTIFIC TRUTH AND MYTH; LITERATURE CITED; 2: The Conduct of Agricultural Science; WHAT RESEARCH OUGHT TO BE DONE?; LITERATURE CITED; 3: When Things Go Wrong-Balancing Technology's Safety and Risk; THE DEVELOPMENT OF HERBICIDES; PROGRESS OF WEED SCIENCE; CHALLENGES; THE CONTINUING DEBATE; LITERATURE CITED; 4: An Introduction to Ethics; SCIENCE AND EMOTION; UNIVERSAL VALUES; ETHICS IN AGRICULTURE; CONTEMPORARY NORMATIVE ETHICS ETHICAL THEORIES RELEVANT TO AGRICULTURE Ethical Egoism; Social Contract Theory; Virtue Ethics; Deontological or Kantian Ethics; Utilitarianism; APPLYING ETHICS IN AGRICULTURE AND AGRICULTURAL SCIENCE; LITERATURE CITED; 5: Moral Confidence in Agriculture; THE BENEFITS AND COSTS OF MODERN AGRICULTURE; GOALS FOR AGRICULTURE; Social Goals for Agriculture; Environmental Goals for Agriculture; EXPANDING AGRICULTURE'S MORAL SCOPE; The Utilitarian Standard; The Relevance of the Western Agricultural Model; Bottom Line Thinking; Sustainability; CONCLUSION; LITERATURE CITED 6: The Relevance of Ethics to Agriculture and Weed Science LITERATURE CITED; 7: Agricultural Sustainability; THE PRESENT AGRICULTURAL SITUATION: THE EXAMPLE OF WEED MANAGEMENT; THE MORAL CASE

FOR SUSTAINABILITY; WHAT IS SUSTAINABILITY?; WHY MUST SUSTAINABILITY BE ACHIEVED?; A CONCLUDING COMMENT ON SUSTAINABLE WEED SCIENCE; LITERATURE CITED; 8: Biotechnology; THE DEBATE; TECHNOLOGICAL PROBLEMS; REGULATION; ARGUMENTS IN FAVOR OF AGRICULTURAL BIOTECHNOLOGY; ARGUMENTS OPPOSED TO AGRICULTURAL BIOTECHNOLOGY; Feeding the World; Harm to Human Health; Harm to the Environment
Transgenic Technology and Sustainable Agricultural Systems
THE MORAL ARGUMENTS; Labeling and Biotechnology in the U.S. and the EU; Affects on Family Farms; Academic-Industry Relationships; Transgenic Pharming; The Precautionary Principle; LITERATURE CITED; 9: How to Proceed; WATER LOGGING AND SALINIZATION; DESERTIFICATION; DEPLETION OF WATER RESOURCES; SOIL EROSION; POLLUTION; LOSS OF FARMERS; POPULATION GROWTH; DOMINANT SCIENTIFIC MYTHS; PRODUCTION AND ETHICS; THE IMPERATIVE OF RESPONSIBILITY; FINDING PARTNERS; MISSION STATEMENTS; THE ROLE OF THE UNIVERSITY; SUSTAINABILITY AS A GOAL
CONCLUSION
LITERATURE CITED; Index

Sommario/riassunto

What are the goals of agricultural science? What should the goals of agricultural science be? How do and how should the practitioners of agriculture address complex ethical questions? These questions are explored in this monumental book so that those in agriculture will begin an open dialogue on the ethics of agriculture. Discussion of foundational values, of why we practice agriculture as we do, should become a central, rather than peripheral, part of agricultural practice and education. If agricultural scientists do not venture forth to understand and shape the ethical base of th
