

1. Record Nr.	UNINA9910813701403321
Titolo	Oats nutrition and technology // edited by Yi-Fang Chu
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, New Jersey : , : Wiley-Blackwell, , 2014 ©2014
ISBN	1-118-35408-7 1-118-35410-9 1-118-35409-5
Descrizione fisica	1 online resource (473 p.)
Altri autori (Persone)	ChuYi-Fang
Disciplina	641.3/313
Soggetti	Oats Oats as food Oats - Analysis Oats - Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Oats Nutrition and Technology; Contents; List of Contributors; Preface; Acknowledgements; Part I Introduction; 1 Introduction: Oat Nutrition, Health, and the Potential Threat of a Declining Production on Consumption; 1.1 A landmark health claim; 1.2 The growing interest in oats and health; 1.3 Declining production poses threats to the growth of oat intake; References; Part II Oat Breeding, Processing, and Product Production; 2 Breeding for Ideal Milling Oat: Challenges and Strategies; 2.1 Introduction; 2.1.1 What is an ideal milling oat? 2.2 Breeding for single traits: Genotype-by-environment interactions 2.2.1 Grain yield; 2.2.2 Test weight; 2.2.3 Kernel weight; 2.2.4 Groat percentage; 2.2.5 -glucan concentration; 2.2.6 Oil concentration; 2.2.7 Protein concentration; 2.3 Breeding for multiple traits: Undesirable trait associations; 2.3.1 Pairwise associations; 2.3.2 The three-way association; 2.4 Strategies of breeding for an ideal milling oat; 2.4.1 Step 1: Independent culling to select for promising genotypes; 2.4.2 Step 2: Index selection to identify promising genotypes; 2.5 Discussion

2.5.1 Identification of the main challenges; 2.5.2 The possibility of developing a truly ideal milling oat cultivar; 2.5.3 Long-term goals and current strategies; Acknowledgements; References; 3 Food Oat Quality Throughout the Value Chain; 3.1 Introduction: Oat quality in the context of the value chain; 3.2 Physical oat quality; 3.2.1 Oat and groat color; 3.2.2 Milling yield; 3.2.3 Hull and groat content; 3.2.4 Groat breakage; 3.2.5 Kernel size and shape; 3.2.6 Test weight; 3.2.7 Thousand kernel weight; 3.3 Nutritional oat quality; 3.3.1 β -glucan; 3.3.2 Total dietary fiber; 3.3.3 Starch; 3.3.4 Protein; 3.3.5 Fat; 3.4 Agronomic factors affecting physical and nutritional quality; 3.5 Oat end-product quality; 3.5.1 Oat flakes; 3.5.2 Steel cut groats; 3.5.3 Oat flour; 3.5.4 Oat pasta and noodles; 3.5.5 Oat bread; 3.5.6 Extruded oat products; 3.5.7 Oat bran; 3.5.8 Oat product aroma and flavor; 3.5.9 Shelf stability of oat products; 3.6 Mycotoxins; 3.7 Summary; Acknowledgements; References; Part III Oat Nutrition and Chemistry; 4 Nutritional Comparison of Oats and Other Commonly Consumed Whole Grains; 4.1 Introduction to oats as a cereal grain; 4.1.1 Global grain production; 4.1.2 Oat grain structure; 4.2 Overview of the nutritional composition of oats; 4.2.1 Fiber; 4.2.2 Protein; 4.2.3 Lipids; 4.2.4 Vitamins; 4.2.5 Minerals; 4.3 Conclusion; References; 5 Oat Starch; 5.1 Introduction; 5.2 Native oat starch organization: From the molecular to the granular level; 5.2.1 Oat starch molecular analysis and characterization; 5.2.2 Native starch crystallinity and supramolecular organization; 5.3 Starch minor components, isolation, and extraction; 5.3.1 Oat starch minor components; 5.3.2 Oat starch extraction and isolation; 5.4 Beyond native starch granule: Gelatinization, pasting, retrogradation, and interactions with other polysaccharides

Sommario/riassunto

A considerable amount of research has emerged in recent years on the science, technology and health effects of oats but, until now, no book has gathered this work together. Oats Nutrition and Technology presents a comprehensive and integrated overview of the coordinated activities of nutritionists, plant scientists, food scientists, policy makers, and the private sector in developing oat products for optimal health. Readers will gain a good understanding of the value of best agricultural production and processing practices that are important in the oats food system. The bo

2. Record Nr.	UNINA9910961067703321
Autore	Eekelaar John
Titolo	Family law and personal life // John Eekelaar
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2006
ISBN	0191566462 9780191566462
Edizione	[1st ed.]
Descrizione fisica	xii, 195 p
Disciplina	346.01/5
Soggetti	Domestic relations - Philosophy Domestic relations - Social aspects Families
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. [175]-187) and index.
Nota di contenuto	Intro -- Contents -- Preface -- Table of Cases -- 1. Power -- Family Practices and the Diffusion of Power -- The Open Society -- The Welfarism Thesis -- The case of divorce -- Homosexuality -- The New Era: From Family Law to Personal Law? -- 2. Friendship -- Friendship and Brotherly Love -- 'Full' Friendship as a Paradigmatic Value -- Friendship and Public Constraints -- Marriage and Friendship -- Friendship and Legal Rights -- Betrayal and Loss -- Friendship Plus -- Why Consider Friendship at All? -- 3. Truth -- 'Physical' Truth and 'Legal' Truth -- Truth, Kinship, and Manipulation -- Truth and Personal Relationships -- Truth and Identity -- Truth and Justice -- Conclusion: Truth and Shame -- 4. Respect -- What is Respect? -- Love -- Community Values -- Care and Nurture -- Religion -- Procreation -- Respecting Children -- 5. Responsibility -- Historical Responsibility: The Case of Divorce -- Prospective Responsibility: Allocation -- Prospective Responsibility: Exercise -- Divorce -- Parenthood -- A Fuller Concept of Responsibility -- 6. Rights -- The Central Case of Rights -- End-states -- Grounds for entitlement -- Weight -- Rights in Personal Law -- Rights claimed through political action -- Rights developed through judicial lawmaking -- Human rights -- Children's Rights -- Personal Law and Cultural Rights -- Group or collective rights -- Cultural rights, personal law, and the open society -- Bibliography

-- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- J -- K -- L --
M -- N -- O -- P -- R -- S -- T -- U -- V -- W.

Sommario/riassunto

How should our most intimate personal relationships be governed in a liberal society? Should the state encourage a particular model of family life, or support individuals in their pursuit of personal happiness? This book examines the questions at the heart of family law, rethinking the ideas that shape our understanding of the family as a social unit, its purpose, and the obligations and rights that belong to family members.
