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Nota di contenuto	Front Cover; Oats: Chemistry and Technology; Copyright Page; Table of Contents; Contributors; Preface to the Second Edition; Preface to the First Edition; CHAPTER 1. World Oat Production, Trade, and Usage; PRODUCTION; YIELDS; TRADE; ECONOMIC VALUE; USAGE; GRADING STANDARDS; KEY GOVERNMENT POLICY; FUTURE TRENDS; CHAPTER 2. Oat Breeding; GENETIC RESOURCES; BREEDING OBJECTIVES; BREEDING METHODS; FUNDING OF BREEDING AND ASSOCIATED RESEARCH; ACKNOWLEDGMENTS; REFERENCES; CHAPTER 3. Hulless Oat Development, Applications, and Opportunities; BREEDING; COMMERCIAL PRODUCTION AND USES; SUMMARY FUTURE HULLESS OAT DEVELOPMENT, APPLICATIONS, AND OPPORTUNITIESREFERENCES; CHAPTER 4. Molecular Genetics of Quality in Oats; GENETIC MAPPING AND QTL ANALYSIS IN OATS; MOLECULAR GENETICS OF CHEMICAL COMPOSITION; GENETICS OF PHYSICAL KERNEL TRAITS AND MILLING QUALITY; GENETICS OF DISEASE RESISTANCE; GENETICS OF AGRONOMIC TRAITS; UTILIZATION OF MOLECULAR MARKERS; INTERSPECIFIC CROSSES AND DOUBLED HAPLOIDS; OAT TISSUE CULTURE; OAT TRANSFORMATION; FUNCTIONAL GENOMICS OF OATS; ORGANELLE GENETICS; BIOINFORMATICS; FUTURE OF

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AMINOPHENOLICS; PHENOLIC ACID AMIDES, ESTERS, AND POLYMERIC
ETHERS; SUMMARY AND FUTURE RESEARCH DIRECTIONS
REFERENCES

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