1.	Record Nr.	UNINA9910139874203321
	Titolo	Wheat [[electronic resource]] : science and trade / / edited by Brett F. Carver
	Pubbl/distr/stampa	Ames, Iowa, : Wiley-Blackwell, c2009
	ISBN	1-282-30233-7 9786612302336 0-8138-1883-4 0-8138-1923-7
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (615 p.)
	Collana	World Agriculture Series ; ; v.4
	Altri autori (Persone)	CarverBrett Frederick <1958->
	Disciplina	633.1/1 633.11
	Soggetti	Wheat - Genetics Wheat - Diseases and pests Wheat - Breeding Wheat trade
	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 and index.
	Nota di contenuto	cover; Contents; Foreword; Preface; Acknowledgements; Contributors; Section I: Making of a Wheat Plant; Chapter 1: Wheat Evolution, Domestication, and Improvement; SUMMARY; INTRODUCTION; WHEAT DOMESTICATION AND HUMAN CIVILIZATION; WHEAT CULTIVATION; ORIGIN, DOMESTICATION, AND EVOLUTION OF WHEAT; Polyploidy, a form of plant evolution; Origin of the A genome; Origin of the B genome; Emmer and durum wheat; Origin of Triticum turgidum; Origin of Triticum dicoccoides (wild emmer); Origin of hexaploid wheat; GENOME EVOLUTION AND MODIFICATION; MECHANISMS FOR CHROMOSOME EVOLUTION Chromosomal rearrangements and repetitive DNAHeterochromatin; Repetitive DNA; Repatterning of rDNA arrays in the wheat genome; Repetitive DNA and mobile elements as perpetual generators of diversity and evolution; THE POTENTIAL OF WILD EMMER IN WHEAT IMPROVEMENT; CONCLUDING REMARKS ON THE PROCESS OF WHEAT EVOLUTION; FUTURE PERSPECTIVES; REFERENCES; Chapter 2:

Sommario/riassunto	Wheat: Science and Trade is an up-to-date, comprehensive reference work designed to expand the current body of knowledge on this staple crop, incorporating new information made available by genetic advances, improvements in the understanding of wheat's biology, and changes in the wheat trade industry. Covering phylogeny and ontogeny, manipulation of the environment and optimal management, genetic improvement, and utilization and commercialization, the book focuses on the most economically significant diseases and impacts

2.	Record Nr.	UNINA9910790611003321
	Autore	Molaro Cristian
	Titolo	DB2 11 : database for big data and analytics / / Cristian Molaro [and three others]
	Pubbl/distr/stampa	Boise : , : MC Press, , [2013] ©2013
	ISBN	1-58347-388-2
	Descrizione fisica	1 online resource (129 p.)
	Disciplina	650.02855369
	Soggetti	Database management Relational databases
	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.
	Nota di contenuto	Front Cover ; Title Page; Copyright; Contents; About the Authors; Introduction by Surekha Parekh; DB2 11 for z/OS: Unmatched Efficiency for Big Data and Analytics by Julian Stuhler, Triton Consulting; DB2 11 for z/OS: The Database for Big Data and Analytics; Efficiency; CPU Reductions; zEC12 Exploitation; Application Compatibility; Transparent Archiving; Temporal Data Enhancements; Global Variables; Variable Arrays; Java Stored Procedure Enhancements; pureXML Enhancements; Optimizer and Query Performance Improvements; Data Sharing Performance Enhancements; Utility Enhancements Other Efficiency Enhancements Resilience; Extended Log Record Addressing: Current Issues; Extended Log Record Addressing: DB2 11 Enhancements; Enhanced Dynamic Schema Change; BIND/REBIND Enhancements; Security Enhancements; Other Resilience Enhancements; Business Analytics; SQL Aggregation Improvements; IBM DB2 Analytics Accelerator Enhancements; Hadoop and Big Data Support; QMF 11; Other Enhancements for Analytics Workloads; Upgrading to DB2 11; DB2 Version Prerequisites; Other Prerequisites; Upgrade Timing; Upgrade Process and Impact; DB2 11 Customer Case Studies; BMW Group Stadtwerke Bielefeld GmbHJN Data; Improved Query Performance in DB2 11 for z/OS by Terry Purcell; Predicate Indexability; Duplicate Removal; Hash Join and Sparse Index; Page Range Screening and

Indexing for Partitioned Table Spaces; RUNSTATS Enhancements; Additional Performance Improvements; Summary; IBM DB2 Utilities and Tools with DB2 11 for z/OS by Haakon Roberts; How DB2 for z/OS Can Help Reduce Total Cost of Ownership by Cristian Molaro; Business Needs and DB2 TCO; DB2 and TCO; Reducing TCO Through Synergy with System z; DB2 Synergy with System z; Reducing TCO Through CPU Savings

DB2 10 CPU Savings and Performance Improvements DB2 10 Performance Expectations; DB2 11 CPU Savings and Performance Improvements; DB2 11 Performance Expectations; Specialty Engines; DB2 10 and Specialty Engines; DB2 11 and Specialty Engines; Estimating zIIP Savings; Special Considerations for High zIIP Utilization; DB2 and zAAP on zIIP; Reducing TCO with Better Performance; Identifying Better Performance Opportunities; Getting Better Performance with REBIND; DB2 Plan Management; DB2 11 APREUSE (WARN) Enhancement; DB2 11 RELEASE(DEALLOCATE) Optimization DB2 11 Application Compatibility and APPLCOMPAT Case Study: Performance Benefits of REBIND; DB2 EXPLAIN At a Glance; DB2 10 High-Performance DBATs; Reducing TCO Through Storage Savings; DB2 Data Compression; DB2 Managed Disk Space Allocation; Case Study: Combined Effects of Data Compression and DB2 Managed Disk Space Allocation; Index Compression; Reducing TCO with Faster Analytics; IBM DB2 Analytics Accelerators; Leverage Legacy QMF Objects; Reducing TCO with Improved Scalability; DB2 10 Throughput Enhancements; DB2 Storage and Scalability; Data Sharing Member Consolidations; Conclusion

Sommario/riassunto	<P style=""MARGIN: 0in 0in 0pt; tab-stops: 246.0pt"" class=MsoNormal>The landscape of today's business is shaped by the mountains of data being produced, with rapid growth in the volume, variety, and velocity of data due to the explosion of smart devices, mobile applications, cloud computing, and social media. Much of this growth has been in unstructured data; however, by 2020, internet business transactions-business-to-business and business-to-consumer-are predicted to reach 450 billion per day. Smart organizations are seeking innovative ways to turn this explosion of data, called big data, i