

NUTRITION AND FOOD SCIENCE

Consumer acceptability of chocolate chip cookies using applesauce as a fat (butter) substitute

Sayed A. Hayek and Salam A. Ibrahim*

Food Microbiology and Biotechnology Laboratory, North Carolina A&T State University, 173 Carver Hall, Greensboro, NC 27411, USA

Abstract

Replacing fat in baked goods with fruit or vegetable base ingredients like applesauce would develop aid in the effort of overall reduction of fat intake and increase consumption of fruits and vegetables. The objective of this study was to determine the consumer acceptability of chocolate chip cookies prepared by replacing butter with applesauce. Three recipes were included: 1- Control made according to Nestlé Toll House recipe, 2- Half replacement (HR): made by replacing 50% of butter with applesauce, 3- Full replacement (FR): made by replacing 100% of butter with applesauce. Nestlé Toll House recipe was employed in this study and Mott's applesauce was used for fat replacement. The 9 point hedonic rating scale system was used to evaluate the acceptability of the following sensory characteristics: appearance, texture, color, chewiness, sweetness, moistness, flavor, aftertaste and overall acceptability. Sensory evaluation was completed at North Carolina Agricultural and Technical State University on 35 food science students and employees. Our results showed that HR was very much acceptable, control was between very much acceptable and moderately acceptable, and FR was between moderately acceptable and neither acceptable nor unacceptable for all sensory characteristics. No significant ($P>0.05$) differences were reported in the acceptability of control and HR, whereas FR showed significantly ($P<0.05$) lower acceptability. Among all panelists ($n = 35$): 12, 16, and 7 panelists have chosen control, HR, and FR respectively as the most preferred and most worth buying cookie. In conclusion, applesauce could be an acceptable fat substitute in baked goods, thereby adding health benefits and nutritional value to baked products, and also contributing to the reduction of obesity.

Key words: Applesauce, Fat, Acceptability, Preferences, Sensory characteristic

Introduction

Overweight and obesity are epidemic in many parts of the world. Many countries have shown dramatic increases in overweight and obesity while no developed country is quite as heavy as the United States (Philipson and Posner, 2008). In the United States, 68.3% of adults older than 20 years and 48.1% of adolescents and children younger than 20 years are obese or overweight as of 2007-2008 (Shields et al., 2011). The United States has experienced a significant increase in obesity and overweight between 1980 and 2011 (CDC, 2011; Shields et al., 2011). These increases in obesity and overweight were associated with many chronic diseases including type 2 diabetes, coronary heart disease, stroke, and high blood pressure (CDC,

2011). Much evidence suggests that the increases in obesity and overweight were related to the increases in fat and caloric intake (Cutler et al., 2003; Neuhouser et al., 2004; Philipson and Posner, 2008). Fat is an essential nutrient for human and one of the main food ingredients that play an important role in our food. Ultimately, a high fat diet may lead to an increased risk for numerous health problems such as obesity, cancer, cardiovascular disease, and type 2 diabetes (Cutler et al., 2003; Kafatos and Codrington, 2000; NIH, 2000; Philipson and Posner, 2008). To prevent negative health effects of fat intake, the National Institutes of Health has recommended that dietary fat be reduced from the current 35 – 45% of the total energy intake in most Western diets to below 25 – 30% (NIH, 2000). Therefore, during the last decade, consumers' demands in the United States and other western countries for low fat, reduced fat, and fat-free diets have increased substantially (CDC, 2011; Shields et al., 2011).

To improve the weight status and overall health, many researchers have focused on reducing

Received 03 February 2012; Revised 08 June 2012; Accepted 17 June 2012; Published Online 02 December 2012

*Corresponding Author

Salam A. Ibrahim
Professor, Food Microbiology and Biotechnology Laboratory,
173 Carver Hall, North Carolina A&T State University,
Greensboro, NC 27411

Email: ibrah001@ncat.edu

Consumer Acceptability Of Chocolate Chip Cookies Using

Harry T. Lawless, Hildegard Heymann

Consumer Acceptability Of Chocolate Chip Cookies Using:

Sensory Evaluation Techniques Gail Vance Civile, B. Thomas Carr, Katie E. Osdoba, 2024-09-16 The sixth edition of this classic text brings sensory evaluation to life for new students and experienced professionals alike A full array of sensory methods is covered including descriptive techniques discrimination testing and consumer research plus guidance on test design statistical analysis and how to translate results into insights for actionable decisions Like its predecessors Sensory Evaluation Techniques Sixth Edition gives a clear and concise presentation of practical solutions accepted methods and standard practices in addition to advanced techniques What's new in the sixth edition An expanded chapter on Sensory Physiology including recent research on individual differences in perception A thorough discussion of Thurstonian theory and its application to discrimination methods including the Tetrad Test New sections on technology in sensory evaluation including a discussion of software options for data collection Improved updated case studies to aid learning comprehension Updated appendices for Spectrum Method attributes references and scales Updated references Online supplemental content Sensory Evaluation Techniques remains a practical relevant and flexible resource providing how to information for a wide variety of users in industry government and academia who need the most current information to conduct effective sensory research It also supplies students with the necessary theoretical background in sensory evaluation methods applications and interpretations

The Use of Detergent Fractionated, Edible Beef Tallow in Food Systems Cynthia Lynn DeFouw, 1981 *Chocolate in Health and Nutrition* Ronald Ross Watson, Victor R. Preedy, Sherma Zibadi, 2012-08-04 *Chocolate in Health and Nutrition* represents the first comprehensive compilation of the newest data on the actions of the flavonoids and microorganisms associated with the beneficial effects of chocolate This unique text provides practical data driven resources based upon the totality of the evidence to help the reader understand the basics treatments and preventive strategies that are involved in the understanding of the role chocolate may play in healthy individuals as well as those with cardiovascular disease diabetes or neurocognitive declines Of equal importance critical issues that involve patient concerns such as dental caries and food preferences in children potential effects on weight gain addiction and withdrawal are included in well referenced informative chapters The latest research on the role of chocolate in normal health areas including mood pain and weight management cardiovascular disease and related conditions are presented *Chocolate in Health and Nutrition* provides health professionals in many areas of research and practice with the most up to date well referenced and comprehensive volume on the current state of the science and medical uses of chocolate Pulses A.

Manickavasagan, Praveena Thirunathan, 2020-05-25 World health authorities recommend people maximize their protein intake through vegetable sources such as pulses and reduce protein intake from animal sources Increasing vegetable protein intake has been shown to be positively associated with the reduction of both cardiovascular disease related mortality and all cause mortality Pulse consumption has been shown to improve satiety and metabolism of glucose and lipids due to their high

protein and fiber content which makes their consumption ideal for preventing and managing obesity In recent years there has been increasing demand for pulses and pulse based products in developed countries Several large scale collaborative research projects on pulse products have been initiated by government agencies Similarly established multinational food companies have developed pulse product units Pulses Processing and Product Development fulfills the need for a comprehensive book on processing and products of pulses The book addresses a specific pulse with each chapter to meet a wide range of audiences from undergraduate students to consumers Sensory Evaluation of Food Harry T. Lawless,Hildegarde Heymann,2010-09-27 The eld of sensory science has grown exponentially since the publication of the previous version of this work Fifteen years ago the journal Food Quality and Preference was fairly new Now it holds an eminent position as a venue for research on sensory test methods among many other topics Hundreds of articles relevant to sensory testing have appeared in that and in other journals such as the Journal of Sensory Studies Knowledge of the intricate cellular processes in chemoreception as well as their genetic basis has undergone nothing less than a revolution culminating in the award of the Nobel Prize to Buck and Axel in 2004 for their discovery of the olfactory receptor gene super family Advances in statistical methodology have accelerated as well Sensometrics meetings are now vigorous and well attended annual events Ideas like Thurstonian modeling were not widely embraced 15 years ago but now seem to be part of the everyday thought process of many sensory scientists And yet some things stay the same Sensory testing will always involve human participants Humans are tough measuring instruments to work with They come with varying degrees of acumen training experiences differing genetic equipment sensory capabilities and of course different preferences Human foibles and their associated error variance will continue to place a limitation on sensory tests and actionable results Reducing controlling partitioning and explaining error variance are all at the heart of good test methods and practices **Chemistry and Industry** ,1987 Agriculture, rural development, and related agencies appropriations for 1984 United States. Congress. House. Committee on Appropriations. Subcommittee on Agriculture, Rural Development, and Related Agencies,1983 Research in Fisheries University of Washington. College of Fisheries,1985 *Journal of the American Dietetic Association* ,2003 **Aids to Efficient Packaging Operations** American Management Association,1953 *Annual Report* National Biscuit Company,1937 **MC. The Manufacturing Confectioner** ,1994 **Consumers Index to Product Evaluations and Information Sources** ,1992 **Consumers Index to Product Evaluations and Information Sources** Pierian Press,1996-03 **Ecolabels and the Greening of the Food Market** ,2003 Milling & Baking News ,2007-12 Snack Food ,1992 **Jewelry Consumption** Thitiporn Sanguanpiyapan,2007 *Agribusiness & Applied Economics Report* ,2003 **Bakers Weekly** ,1954

The Top Books of the Year Consumer Acceptability Of Chocolate Chip Cookies Using The year 2023 has witnessed a noteworthy surge in literary brilliance, with numerous compelling novels enthraling the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the fascinating narratives that have captivated audiences this year.

Consumer Acceptability Of Chocolate Chip Cookies Using : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph.

Consumer Acceptability Of Chocolate Chip Cookies Using : Taylor Jenkins Reid's "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reid's compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery.

Discover the Magic : Delia Owens' "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting.

These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered.

The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts.

The Secret History is a masterful and thrilling novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

https://matrix.jamesarcher.co/public/detail/Download_PDFS/Sight%20Words%20Learning%20Step%20By%20Step.pdf

Table of Contents Consumer Acceptability Of Chocolate Chip Cookies Using

1. Understanding the eBook Consumer Acceptability Of Chocolate Chip Cookies Using
 - The Rise of Digital Reading Consumer Acceptability Of Chocolate Chip Cookies Using
 - Advantages of eBooks Over Traditional Books
2. Identifying Consumer Acceptability Of Chocolate Chip Cookies Using
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an eBook Platform
 - User-Friendly Interface
4. Exploring eBook Recommendations from Consumer Acceptability Of Chocolate Chip Cookies Using
 - Personalized Recommendations
 - Consumer Acceptability Of Chocolate Chip Cookies Using User Reviews and Ratings
 - Consumer Acceptability Of Chocolate Chip Cookies Using and Bestseller Lists
5. Accessing Consumer Acceptability Of Chocolate Chip Cookies Using Free and Paid eBooks
 - Consumer Acceptability Of Chocolate Chip Cookies Using Public Domain eBooks
 - Consumer Acceptability Of Chocolate Chip Cookies Using eBook Subscription Services
 - Consumer Acceptability Of Chocolate Chip Cookies Using Budget-Friendly Options
6. Navigating Consumer Acceptability Of Chocolate Chip Cookies Using eBook Formats
 - ePub, PDF, MOBI, and More
 - Consumer Acceptability Of Chocolate Chip Cookies Using Compatibility with Devices
 - Consumer Acceptability Of Chocolate Chip Cookies Using Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Consumer Acceptability Of Chocolate Chip Cookies Using
 - Highlighting and Note-Taking Consumer Acceptability Of Chocolate Chip Cookies Using
 - Interactive Elements Consumer Acceptability Of Chocolate Chip Cookies Using
8. Staying Engaged with Consumer Acceptability Of Chocolate Chip Cookies Using

- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Consumer Acceptability Of Chocolate Chip Cookies Using
9. Balancing eBooks and Physical Books Consumer Acceptability Of Chocolate Chip Cookies Using
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection Consumer Acceptability Of Chocolate Chip Cookies Using
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Consumer Acceptability Of Chocolate Chip Cookies Using
- Setting Reading Goals Consumer Acceptability Of Chocolate Chip Cookies Using
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Consumer Acceptability Of Chocolate Chip Cookies Using
- Fact-Checking eBook Content of Consumer Acceptability Of Chocolate Chip Cookies Using
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
- Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Consumer Acceptability Of Chocolate Chip Cookies Using Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to

historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Consumer Acceptability Of Chocolate Chip Cookies Using free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Consumer Acceptability Of Chocolate Chip Cookies Using free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Consumer Acceptability Of Chocolate Chip Cookies Using free PDF files is convenient, it's important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but it's essential to be cautious and verify the authenticity of the source before downloading Consumer Acceptability Of Chocolate Chip Cookies Using. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether it's classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Consumer Acceptability Of Chocolate Chip Cookies Using any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Consumer Acceptability Of Chocolate Chip Cookies Using Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading

preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Consumer Acceptability Of Chocolate Chip Cookies Using is one of the best book in our library for free trial. We provide copy of Consumer Acceptability Of Chocolate Chip Cookies Using in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Consumer Acceptability Of Chocolate Chip Cookies Using. Where to download Consumer Acceptability Of Chocolate Chip Cookies Using online for free? Are you looking for Consumer Acceptability Of Chocolate Chip Cookies Using PDF? This is definitely going to save you time and cash in something you should think about.

Find Consumer Acceptability Of Chocolate Chip Cookies Using :

[sight words learning step by step](#)

[sight words learning 2025 edition](#)

[dark romance thriller quick start](#)

practice workbook cozy mystery bookshop

picture book toddlers reader's choice

coding manual practice workbook

[advanced strategies positive psychology guide](#)

[hardcover mental health awareness](#)

reader's choice alphabet learning workbook

[mindfulness meditation collection](#)

[social media literacy quick start](#)

step by step guitar learning manual

[complete workbook career planning for teens](#)

award winning social media literacy

mental health awareness framework

Consumer Acceptability Of Chocolate Chip Cookies Using :

chapter 1 MILADY Theory Workbook Flashcards Study with Quizlet and memorize flashcards containing terms like what is the term used to encompass a broad range of specialty areas, including hair styling ... Milady's Standard Cosmetology Theory/Practical Workbook ... Milady's Standard Cosmetology Theory/Practical Workbook Answer Key [Anonymous] on Amazon.com. *FREE* shipping on qualifying offers. Chapter 15 milady theory book Flashcards List four reasons a cosmetologist should study and have a thorough understanding of scalp care, shampooing, and conditioning. 1) shampoo service is the first ... Milady's Standard Textbook of Cosmetology: Answers to ... Milady's Standard Textbook of Cosmetology: Answers to Theory Workbook. Lindquist. 2.33. 3 ratings0 reviews. Want to read. Buy on Amazon. Rate this book. Milady's Standard Cosmetology Theory/Practical Workbook ... ISBN: 9781562539030 - Paperback - Thomson Delmar Learning - 2004 - Condition: new - New Copy. Customer Service Guaranteed - Milady's Standard Cosmetology ... Hey hey I was wondering if anyone had the Milady Theory ... Hey hey I was wondering if anyone had the Milady Theory Answer key...I just came back to cosmetology school to finish my hours and take my ... Milady's Standard Cosmetology Theory/practical Workbook ... Milady's Standard Cosmetology Theory/practical Workbook Answer Key Paperback ; Returns. No returns, but backed by eBay Money back guaranteeeBay Money back ... Milady's Standard Cosmetology Theory/Practical ... Milady's Standard Cosmetology Theory/Practical Workbook Answer Key by Anonymous - ISBN 10: 1562539035 - ISBN 13: 9781562539030 - Thomson Delmar Learning ... milady cosmetology workbook answer key Discover videos related to milady cosmetology workbook answer key on TikTok. Milady's Standard Textbook of Cosmetology : Theory ... Milady's Standard Textbook of Cosmetology : Theory Workbook-Answer Key1st edition ; ISBN: 1562532219 ; ISBN-13: 9781562532215 ; Authors: Milady Publishing Company ... pptacher/probabilistic_robotics: solution of exercises ... I am working on detailed solutions of exercises of the book "probabilistic robotics". This is a work in progress, any helpful feedback is welcomed. I also ... solution of exercises of the book "probabilistic robotics" I am working on detailed solutions of exercises of the book "probabilistic robotics". This is a work in progress, any helpful feedback is welcomed. alt text ... PROBABILISTIC ROBOTICS ... manually removing clutter from the map—and instead letting the filter manage ... solution to the online SLAM problem. Just like the EKF, the. SEIF integrates ... Probabilistic Robotics 2 Recursive State Estimation. 13. 2.1. Introduction. 13. 2.2. Basic Concepts in Probability. 14. 2.3. Robot Environment Interaction. Probabilistic Robotics Solution Manual Get instant access to our step-by-step Probabilistic Robotics solutions manual. Our solution manuals are written by Chegg experts so you can be assured of ... probability distributions - Probabilistic Robotics Exercise Oct 22, 2013 — There are no solutions to this text. The exercise states: In this exercise we will apply Bayes rule to Gaussians. Suppose we are a mobile robot ... (PDF) PROBABILISTIC ROBOTICS | science, where the goal is to develop robust software that enables robots to withstand the numerous

challenges arising in unstructured and dynamic environments. Solutions Manual Create a map with a prison, four rectangular blocks that form walls with no gaps. Place the robot goal outside and the robot inside, or vice versa, and run the ... Probabilistic Robotics by EK Filter — □ Optimal solution for linear models and. Gaussian distributions. Page 4. 4. Kalman Filter Distribution. □ Everything is Gaussian. 1D. 3D. Courtesy: K. Arras ... Probabilistic Robotics - Sebastian Thrun.pdf We shall revisit this discussion at numerous places, where we investigate the strengths and weaknesses of specific probabilistic solutions. 1.4. Road Map ... JANOME DC6030 INSTRUCTION BOOK Pdf Download View and Download Janome DC6030 instruction book online. DC6030 sewing machine pdf manual download. Download 2030QDC-B Manual This sewing machine is designed and manufactured for household use only. Read all instructions before using this sewing machine. Please note that on disposal, ... Janome DC6030 Manuals Manuals and User Guides for Janome DC6030. We have 2 Janome DC6030 manuals available for free PDF download: Instruction Book, Service Manual · Important Safety ... Janome DC6030 Sewing Machine Instruction Manual Janome DC6030 Sewing Machine Instruction Manual ; Quantity. More than 10 available ; Item Number. 223314571598 ; Brand. Manual ; MPN. 245679 ; Accurate description. PARTS LIST DC 6030 Top cover thread guide (unit). Setscrew 2.6x5. Thread guide (unit). Snap ring CS-8. Spool pin. Arm leg rear. Setscrew 4x14 (B). Bed rubber cushion. Carrying ... Janome DC6030 Manual (Box 3) Janome DC6030 Manual (Box 3) ; Price: \$20.00 CAD ; KTR Sewing Centre 650 King Edward Street ; Loc: 1-204-942-0035 ; TF: 1-888-526-6631. Janome Dc6030 Sewing Machine Instruction Manual in 2023 Janome Dc6030 Sewing Machine Instruction Manual. New Comb-Bound COPY of ... Janome Dc6030 Sewing Machine Instruction Manual. \$16.95 · In stock. Janome Spare Part DC6030 Sewing Machine Instruction ... This is an OWNERS INSTRUCTION MANUAL ONLY! No machine included! REPRINT of the manual listed in title. This is NOT an original as originals are out of print, ...