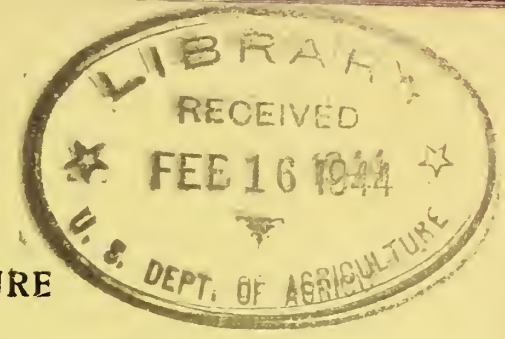


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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Agricultural Economics Bibliography No. 91
(Supplements No. 44)

USES FOR COTTON

Selected References in the English Language, 1933-July 1940

Compiled by
Dorothy M. Ellis, Junior Agricultural Economist,
Office of Foreign Agricultural Relations, under the Direction of
Emily L. Day, Library Specialist in Cotton Marketing

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Agricultural Index, October 1932 to July 1940. Published by the H. W. Wilson Co., New York, N. Y.

Cotton Literature - Selected References, October 1932 to July 1940. Prepared in the Library, U. S. Department of Agriculture, Washington, D. C.

Industrial Arts Index, October 1932 to July 1940. Published by the H. W. Wilson Co., New York, N. Y.

International Index to Periodicals, September 1932 to July 1940. Published by the H. W. Wilson Co., New York, N. Y.

Public Affairs Information Service. Bulletin, Nov. 5, 1932 to July 27, 1940. Published by Public Affairs Information Service, New York, N. Y.

Readers Guide to Periodical Literature, October 1932 to July 1940. Published by the H. W. Wilson Co., New York, N. Y.

FOREWORD

This bibliography was undertaken in response to requests received from various organizations and individuals in both the United States and foreign countries, particularly those which are represented on the International Cotton Advisory Committee. This Committee is engaged in a survey of the work which has been done in new and extended uses of cotton throughout the world.

The bibliography supplements Agricultural Economics Bibliography No. 44, Uses for Cotton, which was issued in November 1932. It contains references to books, pamphlets and periodical articles in the English language relating to the use of cotton lint, published during the period 1933 to July 1940, including a few references to publications issued prior to 1933 which were not listed in Agricultural Economics Bibliography No. 44. Most of the references were taken from Cotton Literature without further examination. References to the use of the whole cotton plant, linters, cottonseed and cottonseed products have not been included, except where they appear incidentally with other material.

The bibliography is classified according to specific uses, such as Aviation, Bale Coverings, Thread, and Umbrella Cloth. References to publications which relate to several uses for cotton and to research to develop new uses are listed in the General section, which precedes the sections on specific uses. An author and subject index is appended.

Call numbers following the citations are those of the U. S. Department of Agriculture Library, unless otherwise noted. "Libr. Cong." preceding a call number indicates that the publication is in the Library of Congress. Abbreviations used are those listed in U. S. Department of Agriculture Miscellaneous Publication No. 337, Abbreviations Used in the Department of Agriculture for Titles of Publications.

Mary G. Lacy, Librarian,
Bureau of Agricultural Economics,
U. S. Department of Agriculture

February 1941.

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Dorothy M. Ellis, Junior Agricultural Economist,
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GENERAL

1. AAA seeks new cotton uses. Cotton Digest 10(45): 8. Aug. 13, 1938.
286.82 C822
\$250,000 will be spent for the purchase of cotton and cotton products for use in developing new commercial uses.
2. Arend, A. G. Cloth for buffing wheels. Textile Rec. 57(685): 18-19.
Apr. 1940. 304.8 T311
"Cotton sheeting is most widely used for buffs, and the number of threads per inch exerts a considerable influence on its suitability."
3. [Bailey, Harry L.] Advertising as stimulus of domestic cotton consumption. Cotton Trade Jour. 17(16): 3. Apr. 17, 1937.
72.8 C8214
The advertising of industrial uses of cotton is advocated.
4. Baltazar, E. P. Commercial groups, species, types and varieties of cotton and their special uses. Agr. Life 2(7): 11-14, 29.
July 1935. 25 Ag8
Varieties grown on each continent and types recognized by the Liverpool cotton market are described.
5. Baltazar, E. P. Cotton culture. Philippine Agr. (Ser. A) 23(4):
267-285. Sept. 1934. 25 P542
"Experiment station contribution No. 972, Circular No. 28."
Philippine and other cotton species, growth requirements, culture methods, insects, diseases and preparation are described.
Includes description of use of lint in the Islands.
6. Barrett, E. C. Let's use our own. Farm and Ranch 57(9): 14.
May 1, 1938. 6 T31
Uses for cotton are suggested.
7. Bass reports on cotton research work for unit of cotton council.
Official of Mellon institute of industrial research tells of work.
Cotton Trade Jour. 20(6): 1, 7. Feb. 10, 1940. 72.8 C8214

"Report of activities of the Cotton Research Foundation, new uses division of the National Cotton Council, toward discovering new uses for cotton and cottonseed was submitted today by Dr. L. W. Bass, assistant director of the Mellon Institute of Industrial Research, for presentation to the Council's committee on scientific research at the annual convention at New Orleans next week."

8. Baum, Arthur W. Dixie dilemma. Country Gent. 109(12): 7-8, 60. Dec. 1939. 6 C833
Discussion of the cotton situation with reference to loss of export markets and search for new uses.
9. Bell, W. R. Industrial uses of cotton promising. Com. and Finance 25(11): 394. May 30, 1936. 286.8 C737
10. Bilbo, Theodore G. Development of new uses for southern agricultural products. Cong. Rec. 81(73): 4519. Apr. 15, 1937. 148.2 R24
Resolutions adopted by the First Mississippi Farm Chemurgic Conference at Jackson, Mississippi, April 12-14, 1937, favoring Senator Bilbo's bill for a laboratory to study new uses for Southern crops, are given.
11. Bilbo, Theodore G. Regional research laboratory. Cong. Rec. 81(80): 5057-5058. Apr. 27, 1937. 148.2 R24
Radio address, April 23, 1937.
The need for a laboratory for the study of the utilization of cotton and cottonseed is discussed.
12. Black, A. G. Cotton research and new industrial uses. 23pp., processed. [Washington, D. C. U. S. Dept. of agriculture, Bur. of agricultural economics] 1937. 1.9 Ec7Cott
An address ... before the East Texas Chamber of Commerce at Dallas, Texas, on Monday, February 15, 1937.
The cotton research work of the U. S. Bureau of Agricultural Economics is described.
Extracts in Cotton Digest 9(20): 6-7, 15. Feb. 20, 1937;
Okla. Cotton Grower 17(6): 1. Feb. 15, 1937. Textile Colorist 59(700): 240-241, April 1937.
13. Boy scouts of America. Cotton farming. 57pp. New York. [1931]
(Merit badge ser.) 72 B69
Bibliography, pp. 55-56.
Various uses of cotton, pp. 14-15.
14. British textiles exhibition. Indian cotton committee entertains Sir Ramaswamy Mudaliar. Joint committee's comprehensive display. Manchester Chamber of Com. Monthly Rec. 48(2): 73-75. Feb. 28, 1937. 287 M31
Some uses of cotton are noted. The increased use of Indian cotton and the Ottawa Agreement are mentioned.

15. Brown, Harry Bates. A brief discussion of the history of cotton, its culture, breeding, harvesting and uses. Ed. 5, 15pp. Baton Rouge, Louisiana State Dept. of agriculture and immigration, 1939. 72 B81B
16. Brown, Harry Bates. Cotton. History, species, varieties, morphology, breeding, culture, diseases, marketing and uses. Ed. 2, 592pp. New York and London, McGraw-Hill book co., inc., 1938. 72 B81
References at ends of chapters.
"Short-stapled cottons and cotton waste, that is, short fibers combed from longer cottons by mill machines, are used chiefly in making thick yarns (counts up to 10's). The coarse yarns range up to 22's. Short-staple varieties from India and ordinary American short-staple uplands are used in spinning these yarns. The medium yarns have counts that run up to 46's, and staples from 1-1/16 to 1-1/4 inches in length are used in making them. These come from American Benders and Long Staples, Upper Egyptians, and similar cottons. The medium-fine yarns range approximately from 46's to 80's, Egyptian and Sea Island cottons being used in making them. The longest and most uniform staples grown are used in making fine yarns, whose counts range from 80's up to 400's or higher In general coarse fabrics are made from the thicker or heavier yarns, and finer fabrics from the higher counts. The quality of cloth desired determines what is to be used. One kind of goods may vary greatly in quality, ranging from coarse to fine. Some goods made from yarns ranging in counts from 12's to 20's are sheeting, some grades of calico, some domestic, toweling cords, fustians, corduroys, etc. Shirting and gingham are made from various yarns, the class depending on the fineness of the goods wanted. Sateens are made from yarns ranging from 36's to 80's. Mulls range from 60's to 100's, and cambrics, from 80's to 160's. The yarns of highest counts are used in making laces and the finest fabrics." pp.525-526.
17. Brown, Harry L. New cotton uses. 4pp., processed. Washington, U.S. Dept. of agriculture, 1939.
A radio talk, May 22, 1939, in the Department of Agriculture period, National Farm and Home program.
Also in Mid-Se. Cotton News 16(12): 2. June 1939.
18. Cheatham, R. J. American cotton consumption, Use of cotton for industrial purposes steadily increasing - United States world's largest consumer - Meeting competition of other fibres. Canad. Textile Jour. 54(15): 22. July 23, 1937. 304.8 C16
19. Cheatham, R. J. A call for united action. Daily News Rec. [N.Y.] (17, Sec. 2): 62. Jan. 21, 1937. 286.8 N48
Work of the United States Bureau of Agricultural Economics and other agencies searching for uses for cotton is noted.

20. Cheatham, R. J. Cotton or wood? Prog. Farmer (Miss. Valley ed.) 52(7): 38. July 1937. 6 So81
Brief summary of talk at Farm Chemurgic Conference, Jackson, Miss., April 12, 1937, on uses of cotton and possible development of products of wood cellulose.
21. Cheatham, R. J. Cotton utilization and new industrial uses. 12pp., processed, Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1937. 1.9 Ec733Cut
Extract in South. Conservationist 1(5): 9, 19-20. Aug. 1937; Textile Bul. 52(23): 5-7, 11, 22. Aug. 5, 1937; Prog. Farmer (Miss. Valley Ed.) 52(7): 38. July 1937; Canadian Textile Jour. 54(15): 22. July 23, 1937.
"This report is based largely upon an address made before the Mississippi Farm Chemurgic Conference, Jackson, Mississippi, Apr. 12, 1937."
22. Cheatham, R. J. Cotton utilization research. 7pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1938. 1.9 Ec733Cut
Extract in Cotton Digest 10(22): 3-4, 15. Mar. 5, 1938.
Address, State-wide Cotton Committee, The Texas Cotton Association, Dallas, February 24, 1938.
23. Cheatham, R. J. New industrial uses for cotton. 7pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1937. 1.9 Ec733Ni
Extracts in Cotton Digest 10(7): 4, 14. Nov. 20, 1937; Spanish translation in Argentine Rep. Junta Nac. del Algodon, Bol. Mens. no. 39, pp. 407-415. July 1938.
Address Oklahoma Farm Chemurgic Conference, Oklahoma City, November 10, 1937.
24. Cheatham, R. J. New uses for cotton. U. S. Dept. Agr. Bur. Agr. Econ. Agr. Situation 22(5): 22-23. May 1938. 1 Ec7Ag
Uses for cotton developed by the Bureau of Agricultural Economics in cooperation with other agencies are mentioned.
25. "Cleanliness drive" proposed to expand use of cottons. Daily News Rec. [N.Y.] no. 95, p. 15. Apr. 22, 1940. 286.8 N48
Recommendations for the 1940 domestic consumption program of the National Cotton Council of America are noted.
26. Cotton and chemistry. Mfrs. Rec. 104(5): 29, 68. May 1935. 297.8 M31
Also described in Cotton and Cotton Oil News 36 (20): 5. May 18, 1935.
Varied industrial and chemical uses of cotton, cottonseed and their by-products, exhibited at the Cotton Carnival and National Cotton Show at Memphis, May 6-11, 1935, are enumerated.

27. A cotton Christmas. Cotton Ginners' Jour. 11(3): 8. Dec. 1939.
304.8 C824
Editorial stating that "the Governor of Texas has proclaimed December as the 'Use More Cotton' month."
28. Cotton council starts drive for greater use. Market expansion, new uses, legislation and advertising among objectives. Daily News Rec. [N.Y.] no. 14800, p. 19. Aug. 10, 1938. 286.8 N48
Report of an organization meeting of the National Cotton Council, at which Oscar Johnston was elected president, is given.
29. The cotton crop. Fibre and Fabric 90(2748): 7. Oct. 2, 1937. 304.8 F44
Development of new uses for cotton is advocated by the Cotton-Textile Institute.
30. Cotton in the news. Amer. Cotton Grower 6(1): 6-7. June 1940.
72.8 Am32
The items relate to the cotton dress of Wallace plaid made by the U. S. Bureau of Home Economics and modeled by Jean Wallace, daughter of the Secretary of Agriculture; cotton ice cream, invented by Prosper Ingels of Dallas, Texas; and the cotton stockings designed by the U. S. Bureau of Home Economics.
31. The cotton research laboratory. Cotton Ginners' Jour. 9(6): 13. 1938.
304.8 C824
"From Dallas News."
The need for discovery of new uses is discussed.
32. Cotton research laboratory. A proposed new instrument to further the use of cotton. Acco Press 15(3): 4. Mar. 1937. 6 Ac2
Resolutions adopted by the Southwestern States Cotton Research Laboratory Conference at Dallas, Texas, February 15, 1937, are given.
33. Cotton revolution is brewed in test tubes of chemists. Textile Bul. 54 (17): 28. June 25, 1938. 304.8 So82
Comment on the work of the Mellon Institute of Industrial Research in finding new uses for cotton is given.
34. Cotton science v. cotton destruction. Textile Colorist 58(691): 475. July 1936. 306.8 T31
Suggestions for possible new uses for cotton, recommended by the United States Department of Agriculture, are listed.
35. Cotton summer. Caroline Co-op. 17(10): 2-3. Oct. 1939. 72.8 N81
Uses of cotton are noted.
36. [Cotton-textile institute, inc.] Institute again active. Textile Bul. 47(8): 60. Oct. 25, 1934. 304.8 So82
The Institute is making "redoubled efforts to stimulate domestic consumption, develop new uses for cotton and recapture lost foreign markets."

37. [Cotton-textile institute, inc.] Value of specialised propaganda. What the "New uses" committee is doing. Textile Mercury and Argus 89 (2337): 553. Dec. 29, 1933. 304.8 T318
Describes the work of the New Uses Committee of the American Cotton-Textile Institute.
38. Cotton uses more vital to South than war's outcome. Textile Bul. 57(12): 41. Feb. 15, 1940. 304.8 S082
Brief report of address of R. J. Cheatham; head of the cotton processing division of the Southern Regional Research Laboratory, before a group of Southern agricultural leaders.
39. Cotton waste in the light of recent research. Textile Rec. 52(620): 20-21. Nov. 15, 1934.
Summary in Textile Bul. 49(1): 6. Sept. 5, 1935.
Describes various sources, ultra violet and infra red ray examination, and uses of cotton waste.
40. Cotton waste yarns. I. Raw material and uses. Textile Weekly 19(483): 717, June 4, 1937. 304.8 T3127
"Many wastes are never respun, but become the foundation for upholstery, wadding, stuffing, and such non-spun waste products like engine cleaning waste, medicated cotton for sanitary and surgical uses. In these days of rearmament, cotton waste as a base for gun cotton must never be overlooked... [Respun] cotton waste yarns find their way into a large number of textile factories. Waste yarns make sponge cloths and cleaning cloths, mops, flannel-ettes, blankets, hosiery, rugs, carpets, sheetings, quilts, toilet and table covers, towelling, dress materials, girdles, sash cords, bias bindings, and pyjama cords, tassels, nettings, bags and transport coverings, etc., candlewicks, tapers, clothes lines, draw strings, lubricating wicks." - p.2.
41. Cotton's assets and liabilities. Rayon Textile Monthly 21(4): 206. Apr. 1940. 304.8 R21
A tabulation showing gain, loss and present trend in the consumption of cotton by old and new uses.
42. Cox, A. B. Cotton. Tex. Business Rev. 11(1): 5-6. Feb. 27, 1937. 280.8 T312
The author discusses the need for foreign markets for American cotton and the proposal for a laboratory to discover new uses for cotton.
43. Davidson, Robert. Cotton, its uses and abuses. Pacific Rural Press 133(1): 20. Jan. 2, 1937. 6 P112
Also in Calif. Dept. Agr. Bul. 26(1): 66-69. Jan.-Mar. 1937.
Uses of cotton are mentioned and the marketing of California irrigated cotton is commented upon.

44. Doane, D. Howard. Farm chemurgy points the way to new customers for southern farmers. South. Agr. 67(7): 5, 21. July 1937. 6 So83
A get-together of producer and user of cotton is urged so that they may work together for the common good. "The production of crops for industrial uses creates new possibilities for production expansion. Industrial uses are almost limitless."
45. Eight new cotton uses get aid from agriculture dept. Tariff funds will be used to donate cloth for test use in ditch lining, orchard, nursery and bee protection, buildings and roads. Daily News Rec. [N.Y.] no. 104, pp. 1, 19. May 4, 1937. 286.8 N48
46. Engaging research institute may be milestone. Cotton Digest 9(39): 4. July 3, 1937. 286.82 C822
Editorial on the engaging of the Mellon Institute to take over the problem of finding new uses for cotton.
47. Engel, Leonard H. New uses for cotton. Science (n.s.) 89(2320): Sup. 8-9. June 16, 1939. 470 Sci2.
Uses in paper-making and road-building are suggested.
48. Establishment of cotton laboratory strongly urged. Group meeting at Dallas endorses concerted program to find new uses. Various proposals outlined. Tex. Co-op. News 17(1): 3. Jan. 15, 1937. 72.9 T315F
49. Everett, Charles K. Cent-a-bale plan for increasing uses and consumption of cotton is explained by head of new uses section of Textile Institute. Cotton Digest 9(32): 5, 14. May 15, 1937. 286.82 C822.
Address before the American Cotton Shippers' Association, Memphis, Tenn., Friday, April 30, 1937.
"There is probably not an industry in this country in which new or wider uses for cotton cannot be developed. The same aggressive promotion that won recognition for 'cotton roads' can establish 'cotton houses' as standard in certain types of industrial housing projects. The current revival of interest in out-of-doors vacations can be translated into a market for a wide variety of cotton products - tents, camping equipment and other accessories - aside from apparel. Certainly, the thousands of tons of raw sugar imported into this country should be packed in cotton bags as one compensation to American agriculture and industry."
50. Everett, Charles K. Cotton consumption. Southwest Business 18(1): 9, 19-25, 27. Jan. 1939.
Uses are noted.
51. Everett, Charles K. Cotton consumption in the United States. Amer. Acad. Polit. and Social Sci. Ann. 193: 34-48. Sept. 1937. 280.9 Am34
Discusses the economic importance of cotton, Japanese competition, industrial use of cotton, cleanliness as a factor in consumption,

acceptance of apparel cottons, improvements in cotton textiles, color styling, promotional program and activities, cotton for road and dwelling construction, national cotton week, competition from paper, rayon and jute, tariff protection or government subsidy, contraction of foreign markets, and possibilities in the domestic market.

52. Everett, Charles K. Cotton interests unified behind promotion agenda. Cotton council and Textile institute co-operate with government in developing new outlets for cotton products - World fair buildings to feature cotton plywood walls. Jour. Com. [N.Y.] 179(13831): 1A, 2A. Jan. 18, 1939. 286.8 J82
53. Everett, Charles K. Cotton week only one phase of industry's activities to increase cotton uses. Com. and Finance 25(11): 391. May 30, 1936. 286.8 C737
54. Everett, Charles K. Expanding the outlets for cotton. Com. and Finance 26(16): 532,550. Oct. 16, 1937. 286.8 C737
Uses of cotton as a bale covering for raw cotton and for piece goods as well as for bags and for covering houses are noted.
55. Everett, Charles K. Forty years of use development for cotton textiles. Cotton [Atlanta] 102(10): 88-91. Oct. 1938. 304.8 C823
56. Everett, Charles K. Graphic picture of new uses for cotton. Cotton Trade Jour. 16(18): 2. May 2, 1936. 72.8 C8214
Also in Textile Bul. 50(10): 18, 22, 46. May 7, 1936.
Address at meeting of American Cotton Manufacturers' Association, May 1, 1936.
57. Everett, Charles K. How to hold new cotton uses. Daily News Rec. [N.Y.] no. 21, Sect. 2, p. 40. Jan. 25, 1940. 286.8 N48
58. Everett, Charles K. Market research found vital link to laboratory research. C. K. Everett cites success of Institute in developing new and stimulating old uses for cotton textiles. Daily News Rec. [N.Y.] no. 14800, p. 20. Aug. 10, 1938. 286.8 N48
59. Everett, Charles K. New markets out of old through market research. A study of present and potential markets for cotton for cleanliness. Market Res. 7(6): 9-10, 15; 8(1): 17-20. Dec. 1937-Jan. 1938. 280.38 M342
Possibility of increased use of cotton in towel, uniform, etc., services to restaurants, barbers, etc.
60. Everett, Charles K. New uses for cotton. Mfrs. Rec. 106(11): 34, 66. Nov. 1937. 297.8 M31
Efforts of the Cotton-Textile Institute to develop new uses are described.
61. Everett, Charles K. New uses for cotton - What the Cotton-textile institute has done. Cotton Digest 8(30): 8-10. May 2, 1936. 286.82 C822

Extracts in Textile Bul. 50(9): 24-25. Apr. 30, 1936;
Fibre and Fabric 89(2678): 12-15. May 30, 1936.

"Address before American Cotton Shippers Association
convention, Dallas, Texas, April 24, 1936."

62. [Everett, Charles K.] Promotion of cotton advocated. Cotton Trade Jour. 16(42): 1-2, Oct. 17, 1936. 72.8 C8214
Also in Cotton Digest 9(3): 6, 15. Oct. 24, 1936; Textile Bul. 51(8): 3, 26. Oct. 22, 1936; Southern Chemurgic Conference, Condensed proc. 1936, pp. 22-26.
Excerpts from an address at the Southern Chemurgic Conference, Lafayette, La., Oct. 15-17, 1936.
Development of new uses is urged.
63. Farm chemurgic council. A plan coordinating agriculture, industry and science, 40pp., processed. Dearborn, Mich., 1935. 309 F22
"A survey of research on the industrial utilization of farm products."
Cotton, pp. 8-15.
64. A fight we'd better start. Collier's 103 (20): 86. May 20, 1939.
110 Co.
Editorial commending the "Plant to Prosper" campaign and urging "research for new ways to use cotton."
65. Flowers, A. S. Substitution of cotton for jute is way to add two million-bale new use. Cotton Trade Jour. 14(15): 7. Apr. 14, 1934. 72.8 C8214
"Arthur S. Flowers, mill economist, says farmers, aided by process tax and loans, become careless of thought for new uses and increased cotton consumption."
66. Frank, Lorena. Long live the king. Acco Press 11(6): 9-11. June 1933.
6 Ac2
Also in Oil Miller and Cotton Ginner 42(4): 10, 12. June 1933.
"Prize winning theme in school contest sponsored by the Houston Press and Anderson, Clayton & Co. during National Cotton Week, May 15-20", 1933.
Describes many new uses for cotton.
67. Fritsche, C. B. The farm chemurgic council. Cotton Digest (World ed.) 8(38): 33-34. June 27, 1936. 286.82 C822
Uses of cotton are mentioned.
68. Funds sought for new cotton uses. Cotton Digest 9(30): 23-24. May 1, 1937. 286.82 C822
Possibilities are noted of using funds now available under Section 32 of the Soil Conservation Act, which "provides that 30 per cent of annual customs receipts shall be set aside for use by the Secretary of Agriculture to develop new outlets for cotton and other farm crops both at home and abroad."

69. Headlines won't eat up cotton surplus. Textile World 90(4): 48.
Apr. 1940. 304.8 T315
An editorial which states that agencies interested in the cotton surplus problem should focus their attention on the maintenance of present channels of consumption instead of "new uses" which use small quantities.
70. Hess, Katharine Paddock. Textile fibers and their use. Ed. 2, rev. 374pp. Chicago, J. B. Lippincott co., [1936] 304 H46
Uses of cotton, pp. 210-211; Typical fabrics for common garments, p. 287.
71. Hill, Grover B. Aid given by the Department of agriculture in expanding the consumption of cotton. 10pp., processed. Washington, D. C., U. S. Dept. of agriculture, 1940.
"Speech... before the Cotton Research Congress, Waco, Texas, June 29, 1940."
The cotton diversion program of the U. S. Department of Agriculture is explained. It encourages the use of cotton bagging as a bale covering and cotton for insulation, writing paper, and mattresses. The cotton stamp plan is also explained.
72. Hoffman, Dan. A Texas owned research laboratory. Pay as you go plan. Cotton Ginners' Jour. 9(5): 9-10. Feb. 1938. 304.8 C824
A plan for financing a laboratory to develop new uses is suggested.
73. How can cotton consumption be raised? State offers award of ten thousand dollars to the Texan who can devise a method of adding 300,000 bales to the annual consumption of American cotton. Here are the rules. Tex. Weekly 15(36): 8-9. Sept. 9, 1939. 280.8 T31
74. Hussein Enan. The cotton congress of 1938. Finding additional uses for cotton. Manchester Guardian Con. (Egypt no.) Apr. 1, 1938, p. 21. 286.8 M3150
Brief summary of the proceedings of the International Cotton Congress as they related to Egyptian cotton.
75. Hutchinson, W. M. Some thoughts on cotton and its many blessings. Cotton and Cotton Oil Press 37(43): 15. Oct. 24, 1936. 304.8 C822
Some products of cotton and cottonseed are noted.
76. Improve old uses for cotton. Farm and Ranch 58(9): 3. Sept. 1939. 6 T31
Editorial.
77. International cotton congress. 18th, Cairo and Alexandria, 1938. Official report... Egypt, January-February, 1938. 400pp. Manchester, Eng., Printed by the Cloister press, ltd., [1938] 72.9 In82
New uses of cotton - With special regard to Egyptian cotton, by Arno S. Pearse, pp. 266-274.

78. Jackson, Burris C. New uses for cotton vital need. Largest crop in world history sustains East Texas Chamber's efforts for research laboratory. East Tex. 12(2): 7, 20. Nov. 1937. 6 Ea73
79. Jackson, Burris C. Research laboratory progress. State committee formulates cotton research plans - Ideas have met with favor of Congressmen. Cotton Digest 10(14): 3-4. Jan. 8, 1938.
286.82 C822
Development and present status of the movement to secure for Texas a laboratory to study new uses for cotton.
80. Jackson, Burris C. A Texas group working on Texas problems. A history of the State-wide cotton committee now waging a cotton consumption campaign, seeking new uses for both lint and seed. Cotton Digest 12(26): 8, 29. Mar. 30, 1940. 286.82 C822
81. [Jackson, Burris C.] 'Use-more-cotton' campaign planned. Cotton Digest 11(14): 8. Jan. 7, 1939. 286.82 C822
82. Jardine, James T. Federal research activities and cotton consumption, with special reference to regional laboratories authorized in the Agricultural adjustment act of 1938. 12pp., processed. Washington, D. C., U. S. Dept. of agriculture, 1938. 1.9 Ex6Ad
Address before the Cotton-Textile Institute in New York City, October 26, 1938.
Uses developed by the U. S. Department of Agriculture are noted.
83. Johnston, Oscar. South seeks new uses for cotton. Larger and more diversified domestic consumption regarded as permanent solution of problems of cotton growers. Jour. Com. [N.Y.] 184(14236, sect. 2): 20-21. May 20, 1940. 286.8 J82
84. [Jones, A. W.] Eight new uses for cotton reported by AAA official. Cotton Trade Jour. 18(32): 7. July 23, 1938. 72.8 C8214
Also in Daily News Rec. [N.Y.] no. 162, p. 11. July 13, 1938.
85. Keller, Lillian L. Boost cottons! Prog. Farmer (Tex. ed.) 55(5): 38. May 1940. 6 T311
The use of 10 million instead of 7-1/2 million bales of cotton per year by the people of the United States is urged.
Also in Prog. Farmer (Car.-Va. ed.) 55(5): 38. May 1940.
86. Killough, D. T. Cotton's new uses. United effort urged. Research will bring recovery to South's cotton. Cotton Digest 11(28): 3-4, 15-16. Apr. 15, 1939. 286.82 C822
Excerpts of the address at the National Farm Chemurgic Council Conference.

87. Knight, Henry G. The regional research laboratories and some of their research projects., 16pp., processed. [Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural chemistry and engineering, 1939] 1.9 C49Ad
Address before the Power Machinery Department of the Farm Equipment Institute, Chicago, Ill., December 7, 1939.
The address mentions the following projects for cotton: "characteristics of cotton fiber which make it adaptable to use in textiles; studies on changing cotton textile properties which would make them more desirable, such, for example, as new resin finishes; processing the fibers into low-cost textiles for industrial use - bagging and duck, for examples; studies of linters for use in upholstery and for chemical cellulose; and studies of cottonseed oil."
88. Lane, R. P., comp. Cotton and cottonseed. A list of the publications of the United States Department of agriculture on these subjects, including early reports of the United States Patent office. U. S. Dept. Agr. Misc. Pub. 203, 149pp. Washington, D. C., 1934.
1 Ag84M
Compiled under the direction of Emily L. Day, library specialist in cotton marketing, Bureau of Agricultural Economics.
See index under subjects: Uses; Utilization.
89. [Lichte, F. E.] More use in present channels [urged]. Cotton Digest 11(37): 4-5. June 17, 1939. 286.82 C822
90. Livingston, L. F. Farm to factory. Chemistry points the way... soy beans... tung oil... starch... wood pulp... cotton... rayon. Sci. Amer. 154(6): 319, June 1936. 470 Sci25
Some uses of cotton and cottonseed are noted.
91. Livingston, L. F. Farmers need not be guinea pigs. Nation's Business 25(4): 29-32, 114-115. Apr. 1937. 286.8 N212
New uses of cotton are mentioned.
92. Lonergan, Augustine. Textiles separate and special economic problem. Cong. Rec. 81(25): 1143-1144. Feb. 5, 1937. 148.2 R24
From the Boston Herald Annual Industrial Review of January 31, 1937.
The author suggests plans for relieving the cotton textile industry by exporting raw cotton or textiles held by the Government or by developing new uses for cotton.
93. Lynch, D. F. J. Cotton and the southern regional research laboratory. 8pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of chemistry and soils, 1939. 1.9 C49Mc No. 51
Address, The Texas Cotton Association Meeting, Austin, February 17, 1939.
"New outlets for cotton in the yarn and fabric field will be sought by first determining the properties and cost requirements of the most promising specific uses and following this up with intensive research to develop yarn and fabrics which will meet these requirements."

94. Lynch, D. F. J. \$1,000,000 a year to seek more cotton uses. Cotton Trade Jour. 11th Internatl. ed. 19(52): 105. 1939-1940. 72.8 C82141
Plans of the Southern Regional Research Laboratory of the U. S. Department of Agriculture in New Orleans are given.
95. McIntosh, D. C., and Orr, D. M., editors. Agriculture for secondary schools; with an introduction by Henry Garland Bennett. 485pp. New York, American book co. [1934]
References: p.242.
Uses, including staple lengths used for fine and coarse thread, pp. 235-236.
96. McLeod, R. P. King cotton. Mid-So. Cotton News 13(4): 3 Nov. 1935. 72.8 C8295
Uses of cotton in comparison with other fibers are described.
97. Macormac, A. R. New uses for cotton; a proposed research program. Amer. Dyestuff Rptr. 28(3): P54-P58. Feb. 6, 1939. 306.8 Am3
Address presented at annual meeting of the American Association of Textile Chemists and Colorists, Atlanta, Georgia, December 2, 1938.
98. Many and surprising are new cotton uses developed by U. S. chemists and engineers. Ariz. Farmer Prod. 18(26): 13. Mar. 2, 1940. 6 Ar44
99. Martin, H. D. King cotton is the greatest fiber burden bearer of the world. Textile Colorist 56(672): 805, 856. Dec. 1934. 306.8 T31
The author enumerates many uses of cotton, with special emphasis on the remarkable tensile strength and durability of this fiber.
100. The matter of frontiers. Cotton Trade Jour. 20(21): 2. May 25, 1940. 72.8 C8214
An editorial which states that as a result of research "cotton suddenly may leap into view as the ideal raw material for industries which are not concerned with clothing or the household at all."
101. Montgomery, Frank A., jr. New fields for cotton. Amer. Cotton Grower 3(3): 10-11. Aug. 1937. 72.8 Am32
Uses for cotton are given.
102. Much cotton used in manufacture of pumps. Ariz. Prod. 16(6): 13. June 1, 1937. 6 Ar44
103. Murchison speaks on cotton uses. Cotton Digest 12(11): 3. Dec. 16, 1939. 286.82 C822
Extracts from address at meeting of the Cotton Consumption Council, held in New Orleans, Dec. 12, 1939.

104. Myers, Lawrence, Howell, L. D., and Thibodeaux, B. H. American cotton holds ground despite growth of foreign competition.. U. S. Dept. Agr. Yearbook 1933: 97-107. 1 Ag84Y
Discusses changes in utilization of cotton for household, clothing, and industrial purposes.
105. Myers, Lawrence, Omohundro, E. H., and Salant, N. B. Diversion of cotton and cotton products from their normal channels of trade. U. S. Dept. Agr., Agr. Adjustment Admin., DM&MA MS-41 rev., 124pp., processed. [Washington] 1939. 1.94 Ad47Ms
"This represents a revision of the 23 page summary, MS-41 issued in February 1938, which lists and gives a brief review of the cotton diversion programs carried on by the Marketing Section of the Agricultural Adjustment Administration to the end of 1937. Developments since that time in this program to increase the consumption of cotton through new outlets have been sufficiently extensive to necessitate a more detailed discussion of new cotton uses to date... Cotton and cotton products have been supplied for a number of uses" among which are included: Houses and other structures, bale covering, ditches and canal linings, stabilizing road cuts and fills, roads, streets and airport runways, shading or protecting tree seedlings, protecting fruits and vegetables, use in fumigating tobacco plants, bags for peanuts, and insulating and covering beehives.
106. Myers, Lawrence. Problem of consumption. New uses are essential. Domestic outlets must be developed. Cotton Digest 11(27): 3, 14. Apr. 8, 1939. 286.82 C822
Excerpts of address at meeting of Texas Cotton Association, Houston, Texas, Mar. 31-Apr. 1, 1939.
107. National cotton council. Cotton [Atlanta] 103 (1): 69-70. Jan. 1939. 304.8 C823
Editorial stating that "with the raw cotton industry united for the first time in history in any sort of program to promote the use of their commodity we can not help but feel extremely optimistic for the future."
108. [National cottonseed products association. Educational service] The inside story of a cotton boll. What other single crop contributes so bountifully to the needs of mankind? Cotton Ginners' Jour. 6(9): 6. June 1935. 304.8 C824
Uses of cotton and its products are mentioned.
109. National farm chemurgic council. Chemurgic potentialities for the consideration of the research committee. Various paging, processed. Columbus, Ohio, [1939] 281.12 N217
Includes potentialities of synthetic wools and new spinnable fibers, cotton roads, and cotton in general.

110. New cotton uses. The story of an aggressive campaign. Textile World 82(4): 765-768. Oct. 1932. 304.8 T315
Describes new uses reported by the New Uses Committee comprised of representatives of the U. S. Departments of Agriculture and Commerce and the Cotton-Textile Institute.
111. New textiles at British Industries fair. Novelty yarns and fabrics: Uses for Indian cotton. Manchester Guardian Com. 30(766): 152-153. Feb. 22, 1935. 286.8 M315C
112. New uses for cotton. Cotton Trade Jour. 18(33): 2. July 30, 1938. 72.8 C8214
An editorial showing the need for the discovery of a new major use for cotton.
113. New uses for cotton. Cotton Trade Jour. 20(3): 2. Jan. 20, 1940. 72.8 C8214
Editorial stating that "the searchers for new outlets for cotton are overlooking the biggest opportunity of all in not studying new use of cotton among people who use too little of it."
114. New uses for cotton. Trop. Agr. [Trinidad] 16(10): 243. Oct. 1939. 26 T754
Reprinted from Science (Suppl.) 89(2320): 8. June 16, 1939. Uses in paper-making and for roads are noted.
115. New uses, new outlets advocated by Everett. Promotional fund urged by Textile institute official. Cotton Trade Jour. 16(17): 7. Apr. 25, 1936. 72.8 C8214
Summary and extracts from address of C. K. Everett, manager of the New Uses Section of the Cotton-Textile Institute, before the annual convention of the American Cotton Shippers' Association in Dallas, Texas, Apr. 24, 1936.
116. Ousley, Clarence. New uses for cotton. Cotton and Cotton Oil Press 40(15): 18. May 27, 1939. 304.8 C822
Editorial.
117. Paper reported taking place of tea ball gauze. Daily News Rec. no. 70, p. 5. Mar. 25, 1939. 286.8 N48
"There are more than 1 billion... tea balls sold in the United States annually, and at least 35 million yards of tea ball cotton gauze used in the manufacturing of them which is now rapidly being replaced by paper."
118. Pearse, Arno S. New uses of cotton - with special regard to Egyptian cotton. Textile Weekly 21(518): 149-150. Feb. 4, 1938. 304.8 T3127
"Paper prepared for the International Cotton Congress, Cairo-Alexandria, January-February, 1938."

119. Pressley, E. H., Whitaker, Rodney, and Barr, George W. American-Egyptian cotton, utilization, supplies, and prices. Ariz. Agr. Expt. Sta. Bul. 167, 77pp. [Tucson] 1940. 100 Ar4[B]
Utilization of American-Egyptian cotton, pp. 49-53.
120. Progress made on plan to find new uses for cotton. Daily News Rec. [N.Y.] no. 136, p. 5. June 11, 1938. 286.8 N48
Also in Cotton Digest 10(38): 8-10. June 25, 1938; Jour. Com. [N.Y.] 176(13658): 11. June 21, 1938; Textile Bul. 54(16): 11. June 16, 1938; Okla. Cotton Grower 18(10): 1. June 15, 1938; Mid-So. Cotton News 16(1): 6. July 1938; Internatl. Cotton Bul. 16(4): 569-571. July 1938.
Projects sponsored by the U. S. Agricultural Adjustment Administration are noted.
121. Progressing cotton into new fields. Fibre and Fabric 86(2508): 6. Feb. 25, 1933.
A survey of investigations of new uses by the Cotton-Textile Institute, Inc.
122. Reduction lint surplus through increased uses basis of Government study. Paying subsidies to mills for cutting prices to needy under consideration. Committee named. Tex. Co-op. News 18(10): 1 Oct. 15, 1938. 72.9: T315F
123. Regional research laboratories under the Agricultural adjustment act of 1938. U. S. Off. Expt. Stas. Expt. Sta. Rec. 78(4): 437-439. Apr. 1938. 1 Ex6R
The history of the legislation to provide research laboratories to study uses for agricultural products, including cotton, is given.
124. Reich, Edward, and Siegler, Carlton John. Consumer goods, how to know and use them. 526pp. New York, American book co., [1937] 321 R272
Cotton, the versatile fiber, pp. 37-59. Interesting readings on cotton, p. 59.
125. Report new uses for half million bales, two items. Insulation and paper making offer big fields, says Omohundro. Cotton Trade Jour. 19(50): 1,2. Dec. 16, 1939. 72.8 C8214
Report of an address by E. H. Omohundro at meeting of Cotton Consumption Council in New Orleans, December 12, 1939.
126. Research movement gains ground. Cotton Digest 9(15): 9. Jan. 16, 1937. 286.82 C822
Report of a meeting held in Dallas "last week," for the purpose of promoting a research laboratory to study new uses for cotton.
127. Research speeded to aid King cotton. Sci. News Letter 35(11): 169. Mar. 18, 1939. 470 Sci24
Research to find new uses for cotton is discussed.

128. [Revere, C. T.] [Introducing king cotton to the United States.]
Cotton Trade Jour. 17(44): 1, 3. Oct. 30, 1937. 72.8 C8214
Address at annual meeting of Cotton Textile Institute at New
York, N.Y., October 25, 1937.
The expansion of new uses of cotton is discussed.
129. Revere, C. T. New uses for cotton. Textile Bul. 53(14): 3-5.
Dec. 2, 1937. 304.8 So82
"Address at the annual meeting of the Cotton-Textile Institute,
New York City, October 27, 1937."
130. Revere, C. T. New uses for cotton unlimited, Revere tells cotton
council. Science proves that research produces many new ways to
use staple. Cotton Digest 11(10): 3-4. Dec. 10, 1938. 286.82 C822
Address before the National Cotton Council at its first meeting
in Memphis, Tenn.
131. Roberts, Fant. Who wants \$10,000? Farm and Ranch 58(9): 5. Sept. 1939.
6 T31
Use of cotton for oil pipe lines is suggested.
132. Sherman, C. B. Research finds uses for more cotton. Better Crops with
Plant Food 23(8): 19-21, 46-47. Oct. 1939. 6 B46
133. Shippers to help in cotton textile institute research. Cotton Trade
Jour. 17(8): 1, 4. Feb. 20, 1937. 72.8 C8214
Plans for promotion of new uses are noted.
134. Sloan, G. A. The cotton industry creates new outlets to supplement
old markets. Bradstreet's 61(2848): 188-191. Jan. 28, 1933.
286.8 B72
Also in Cotton Econ. 1(6): 9. Feb. 9, 1933.
Mentions many new uses for cotton.
135. Sloan, G. A. Milady's use of cotton soars. Improved quality plus
style promotion bring mounting sales. Fields for cotton consump-
tion steadily expanded by careful studies. Cotton Trade Jour.
7th Internatl. ed., 13(21): 26, 90. 1933. 72.8 C8214
Work of the Cotton-Textile Institute in promoting utilization
of cotton.
136. Statewide cotton committee of Texas. A tentative program of research
for the proposed regional cotton research laboratory. 9pp., pro-
cessed. [Hillsboro ?, Tex., 1938] Pam. Coll.
Among the 18 research projects suggested are:
1. Improve and beautify "mercerized cotton so it will compete
with rayon and silk."
2. Reduce manufacturing costs and "develop more beautiful and
durable cotton fabrics."
3. Develop a woven cotton fabric of greater warmth than now
exists perhaps by "crimping the cotton fiber... to produce a fabric
with larger air spaces."

4. Develop types of machinery to "shorten the process necessary to produce the coarser fabrics," to replace imported oriental rags.

5. Develop cheaper fabrics to replace imported jute, sisal, hemp, ramie, ixtle and other materials now competing with cotton. Also to develop new technique in the manufacture of cord, twine and rope from cotton to replace these fibers.

138. Stephenson, Howard. Cotton finds new markets. Current Hist. 48(3): 44-46. Mar. 1938. 110 C93
New uses for cotton are reported by the Cotton-Textile Institute.
139. Stine, C. M. A. Relation of chemical to other industry. Indus. and Engin. Chem. 25(5): 487-495. May, 1933. 381 J825
"Cotton is probably the outstanding example of the chemical industry's use of the products of agriculture."
Chart shows relation of cotton to modern industry.
140. Sylex sea island yarns. Textile Mercury and Argus 100(2601): 112. Jan. 27, 1939. 304.8 T318
Uses of sea island cotton are noted.
141. Talks with our readers. Farmer-Stockman 52(12): 328. June 15, 1939. 6 Ok45
Editorials on cotton exports, uses, tariff and subsidy.
142. Tatnall, A. G. Cotton versus asbestos drier felts. Paper Ind. 19: 163-4. 1937. 302.8 P1923
A popular discussion of the relative merits of these 2 types of felts used in paper wells.
143. Texans doing part in meeting cotton problem in homes. Cotton Trade Jour. 20(3): 3. Jan. 20, 1940. 72.8 C8214
"Cotton fabric, food and twine products used by Texans" are on display at the University of Texas.
144. Texans meeting Monday to plan prize offering. Special committee to draw up rules for \$10,000 cotton use prize. Cotton Trade Jour. 19(33): 4. Aug. 19, 1939. 72.8 C8214
145. Texas' chances for research laboratory favorable. Cotton and Cotton Oil Press 38(21): 21. May 22, 1937. 304.8 C822
"The Moffett Bill appropriating \$250,000 for a new cotton products research laboratory in Texas has been sent to Governor Allred after passage on May 18, by the Legislature" of Texas. Efforts to promote such a laboratory are briefly noted.
146. Texas farmers receive \$1,000 in cash prizes. New uses for cotton, intelligent planning in agriculture stressed. Cotton Trade Jour. 19(8): 1, 5, 8. Feb. 25, 1939. 72.8 C8214
Results of the one-variety community program of the East Texas Chamber of Commerce are discussed.

147. Texas offers \$10,000 for new cotton use. Cotton Trade Jour. 19(23): 6. June 10, 1939. 72.8 C8214.
Also in Cotton Digest 11(36): 5. June 10, 1939.
A prize offered by the Texas Legislature "to the first Texan discovering a new use for cotton which increases consumption by 300,000 bales annually" is noted.
148. Textile outlets in industry are in tune for larger consumption, say business paper editors. Textile World 86(3): 420-421. Feb. 28, 1936. 304.8 T315
Trends in consumption of cotton and other fabrics in the rubber products, food packaging, automobile, machinery, luggage, coal mining, construction, aviation, footwear and chemical industries are noted.
149. Textile wastes. I.- The versatility of cotton. Manchester Guardian Com. (World textiles no.) Oct. 1, 1932, p. 21. 286.8 M315C
Mentions uses of cotton waste.
150. Thone, Frank. King cotton won't abdicate. Plenty of troubles have beset Southland's monarch but researchers aid by discovering new crop uses. Sci. News Letter 30(809): 234-236. Oct. 10, 1936. 470 Sci24
The work of the United States Department of Agriculture in developing new uses for cotton is noted.
151. To increase use of cotton at home. Cornerstone-laying ceremonies of Southern research laboratory and review of National cotton council's 1939 accomplishments are of interest and significance to Texas. Tex. Weekly 16(1): 8-9. Jan. 6, 1940. 280.8 T31
152. Torn, Elmore H. Texas cotton problems. Future of cotton industry lies in creation of new uses and improvement of staple. Cotton Digest 9(21): 6-7, 14-15. Feb. 27, 1937. 286.82 C822
"Address given before Dallas Agriculture Club, February 22, 1937.
153. Torrens, James G. Preserving cotton's industrial uses. Textile Bul. 58(1): 32, 34, 78. Mar. 1, 1940. 304.8 S082
Examples of industrial uses are given.
154. Tranter, K. A woman looks at Egyptian cotton - and tells where its advantages lie. Manchester Guardian Com. (Egypt no.) Apr. 1, 1938, pp. 22, 24. 286.8 M315C
Uses of Egyptian cotton are noted.
155. Turner, A. J. Textiles from Indian cotton. Textile weekly 15(371): 405. Apr. 12, 1935. 304.8 T3127
Describes the exhibition of textiles made from Indian cotton "arranged by the Lancashire Indian Cotton Committee in the Royal Exchange buildings."

156. U. S. Congress. House. Committee on appropriations. Agricultural department appropriation bill for 1940. Hearings before the subcommittee... 76th Cong., 1st sess. 1732pp. Washington, U. S. Govt. print. off., 1939. 1 Ag81Hes
Contains the following information relating to cotton:
Southern regional laboratory, New Orleans, La., pp. 437, 482; Cotton hosiery studies, pp. 960-964; Purpose of improving the means of bale covers for cotton, p. 1118; Accomplishments in diversion of by-products of cotton, p. 1127.
157. U. S. Congress. House. Committee on appropriations. Agricultural department appropriation bill for 1941. Hearings before the subcommittee... 76th Cong., 3d sess. 1593pp. Washington, U. S. Govt. print. off., 1940. 1 Ag81Hes
Partial contents: Regional research laboratories; pp. 518-558, 1427-1428; Progress of studies of cotton hosiery, and so forth, pp. 734-739; Use of [stamp] plan for purchase of cotton goods, pp. 844-845; Progress made of furnishing cotton products to low-income families, pp. 865-867.
158. U. S. Congress. Senate. Committee on appropriations. Agricultural appropriation bill for 1940. Hearings before the subcommittee... 76th Cong., 1st sess. on H. R. 5269, a bill making appropriations for the Department of agriculture and for the Farm Credit administration for the fiscal year ending June 30, 1940, and for other purposes. 1107pp. Washington, U. S. Govt. print. off., 1939. 1 Ag81Ses
Includes discussion relating to packaging cotton, pp. 88-89, 130; use of cotton twine, pp. 6, 106-112.
159. U. S. Congress. Senate. Committee on appropriations. Supplemental appropriation bill for 1936. Hearings before the subcommittee... 74th Cong., 2d sess. on H. R. 10464, an act making appropriations to provide urgent supplemental appropriation for the fiscal year ending June 30, 1936, to supply deficiencies in certain appropriations for the fiscal year ending June 30, 1936, and for prior fiscal years, and for other purposes. 33 pp. Washington, U. S. Govt. print. off., 1936. 284 Un366S 1936.
Provision for the experimental use of cotton mats for curing concrete roads and of cotton fabric as a membrane in bituminous-surfaced roads is discussed.
160. U. S. Dept. of agriculture. Preliminary statement of a cotton research program. 157pp., processed. Washington, D. C., 1935. 1.9 Ag84P
Topics covered include Cotton utilization.
161. U. S. Dept. of agriculture. Report of the associate administrator of the Agricultural adjustment administration, in charge of the Division of marketing and marketing agreements, and the president of the Federal surplus commodities corporation, 1939. 67pp.

Washington, D. C., 1939. 1 M349

Partial contents: The diversion programs - wider uses for cotton, pp. 65-66.

162. [U. S. Dept. of agriculture. Agricultural adjustment administration] Cotton used in variety of forms in first year of new use studies. Textile Colorist 60(716): 538. Aug. 1938. 306.8 T31
163. [U. S. Dept. of agriculture. Agricultural adjustment administration] New cotton uses encouraged. Com. and Finance 26(11): 380. May 29, 1937. 236.8 C737
Also in Cotton Trade Jour. 17(23): 1. June 5, 1937; Farm Implementation News 58(11): 44. June 3, 1937; Textile Bul. 52(15): 8. June 10, 1937; Daily News Rec. [N.Y.] no. 149, pp. 1, 3. June 26, 1937.
164. U. S. Dept. of agriculture. Agricultural adjustment administration. Division of marketing and marketing agreements. [Marketing section]. Miscellaneous cotton diversion program year ending June 30, 1939. U. S. Dept. Agr. Agr. Adjustment Admin. DM & MA MS-91, 2pp., processed. [Washington, 1939] 1.94 Ad47Ms
165. U. S. Department of agriculture. Bureau of agricultural economics. Facts about cotton. U. S. Dept. Agr., Leaflet no. 167, 8pp. [Washington, 1938] 1 Ag84L
Reprinted and distributed by The Louisiana State Department of Agriculture and Immigration.
Principal uses of cotton and cottonseed, p. 8.
166. U. S. Dept. of agriculture. Bur. of agricultural economics. Principal uses of cotton and cottonseed. 1p., processed. [Washington, 1938] 1.9 Ec733Pri
167. U. S. Dept. of agriculture. Bur. of agricultural economics. Report of the chief... 1936. 22pp. Washington, D. C., 1936. 1 Ec7A
New uses for cotton, p. 19.
168. U. S. Dept. of agriculture. Bur. of agricultural economics. Report of the chief, 1937. 21pp. [Washington, D. C., 1937] 1 Ec7A
New uses for cotton, p. 14.
169. U. S. Dept. of agriculture. Bur. of home economics. Report of the chief... 1932. 8pp. Washington, D. C., 1932. 1 H75
Cotton studies: pp. 6-7. Experiments on effect of grade of cotton on wearing quality of sheeting; color tests; and use of cotton in home furnishings such as handmade floor coverings.
170. U. S. Dept. of agriculture. Bur. of home economics. Report of the chief... 1939. 22pp. Washington, D. C., 1939. 1 H75
Partial contents: Suitability of fiber to purpose (cotton sheets, pp. 14-15; cotton hosiery, pp. 15-17).

171. U. S. Laws, statutes, etc. Cotton futures act with amendments and laws relating to cotton. Compiled by Elmer A. Lewis, 69pp. Washington, U. S. Govt. Print. Off., 1934. 72 Un35Cot
An act relating to investigation of new uses of cotton, p. 26.
172. Use more cotton. Cotton Digest 10(35): 4. June 4, 1938. 286.82 C822
"From Houston Post."
Work of the Cotton Research Foundation in developing new uses is discussed.
173. Use-more-cotton campaign being launched in Texas. Burris Jackson names committee headed by William H. Jones. Cotton Trade Jour. 19(2): 3. Jan. 14, 1939. 72.8 C8214
174. "Use more cotton goods" plan follows inspiration. Co-op. Farmer 17(8): 1, 11. Mar. 1939. 280.28 C7892
Plans to increase the use of cotton in Mississippi are noted.
175. Use more cotton says Mr. Wallace. Cotton Trade Jour. 18(43): 5. Oct. 8, 1938. 72.8 C8214
"A special committee to develop specific proposals for getting more cotton into consumption in this country" is announced.
176. Use of American staple declines in past 5 years. Research workers seeking new fields for cotton. Cotton Trade Jour. 18(33): 6. July 30, 1938. 72.8 C8214
New uses for cotton are mentioned.
177. Use of China cotton in the United States. Cotton [Atlanta] 103(7): 66. July 1939. 304.8 C823
178. Uses for lower cotton grades developed by research. Cotton Digest 9(52): 3. Oct. 2, 1937. 286.82 C822
An editorial noting uses developed by the Textile Institute and the United States Department of Agriculture.
179. Waterpaugh, H. N. The ABC of king cotton. Ariz. Agr. Col. Ext. Cir. 75, 12pp. Tucson, 1933. 275.29 Ar42
Illustrations show plant characteristics of Upland, 'Delta type' and Pima cottons. Their most common uses are listed and samples of mercerized cloth made from each are included.
180. Ways to use more cotton. Farm and Ranch 58(8): 33. Aug. 1939. 6 T31
181. West Indian sea island cotton association. West India Com. Cir., Special Empire Exhibition Sup. 53(1038): vii. July 14, 1938. 8 W524
Report of the display of uses of sea island cotton made by the association recently.

182. Westbrook, E. C. Cotton culture in Georgia. Ga. Agr. Ext. Serv. Bul. 469, 36pp. Athens, 1939. 275.29 G29B
New uses, p. 35.
183. Wilson [Harry D.] wants more "cotton uses" all 'round the world! Cotton Trade Jour. 19(2): 6. Jan. 14, 1939. 72.8 C8214
Uses are noted.
184. World trade commodities: their sources and uses. VII. Cotton: a plant that clothes the world. Manchester Guardian Com. 36(936): 482-483. May 27, 1938. 286.8 M315
The production and marketing of cotton are described. A chart shows uses of the cotton plant.
185. Young prince chemurgy may prove sturdy staff for ancient king. Cotton problem discussed from different angles at Jackson chemurgic meet. Cotton Trade Jour. 19(16): 7. Apr. 22, 1939. 72.8 C8214
Also reported in Mid-So. Cotton News 16(10): 1, 5. April 1939; Carolina Co-op. 17(5): 2. May 1939.
Report of meeting of National Farm Chemurgic Council at Jackson, Miss., March 29-April 1, 1939.
D. T. Killough discussed possibilities of developing new uses for cotton through research. He stated in part that
"It is reported that representatives of the wool producers are interested in a suitable cotton bag for packaging raw wool for market... In a recent survey, it was found that more than 60 articles not made of cotton were used by farmers who expressed the belief that these same articles might well be made of cotton and thus further increase its consumption."
186. Zimmerman, E. W. World resources and industries; a functional appraisal of the availability of agricultural and industrial resources. 842pp. New York and London, Harper & brothers, 1933. 278 Z6
Ch. XIX, Fibers: Geographical and technological aspects, pp. 325-354; Ch. XX, Some economic aspects of fiber production and utilization, pp. 355-378.
What becomes of the cotton crop, chart p. 772. Shows "some of the forms which the lint and seed... takes, under the various processes of manufacture."

ANTI-TARNISH CLOTH

187. Cote, T. C. Anti-tarnish cloth. Textile Colorist 55(653): 316-318. May 1933. 306.8 T31
"A napped cotton fabric similar to those known on the market as 'Ducklings,' cotton 'Velours' and their like are best suited."
'Describes the process of impregnating such a fabric with zinc.'

188. Jones, Grinnell. "Pamilla silver cloth" and technological unemployment. Textile Res. 3(6): 287-291. Apr. 1933. 304.8 T293
Abstract of author's paper on "The chemist's answer to technological unemployment" which was presented at a recent meeting of the Northeastern Section of the American Chemical Society.
The invention of cotton cloth chemically impregnated to protect silverware against tarnish is described.

AUTOMOBILE INDUSTRY*

189. [Cheatham, R. J.] Auto industry uses most cotton. Cotton Digest 11(43): 10. July 29, 1939. 286.82 C822
Extracts from an address before the chemurgic group at Huntsville, Texas.
190. Cloth in car manufacture. Internatl. Cotton Bul. 16(2): 284. Jan. 1938.
72.8 In8
The quantity of cotton cloth used in Ford cars manufactured in England is noted.
191. Ford exhibit shows cotton's place in automobile and tire manufacture. Texas centennial exhibition at Dallas brings agriculture and industry together on common ground. Cotton and Cotton Oil Press 37 (420): 6-7. Oct. 17, 1936. 304.8 C822
192. 487,000 bales of cotton, 29,650,000 yards of cotton upholstery used annually by tire and motor industries. The outlet for agriculture broadening every day through work of the scientist and advance of industry. Mfrs. Rec. 105(6): 30-31. June 1936. 297.8 M31
Quantities of cotton and other products used by one motor company are also given.
193. Higgins, Alfred. Cotton fabrics for automobile interiors. Melliand Textile Monthly 4(8): 488-489. Nov. 1932. 304.8 M48
Gives specifications for fabrics for head lining, upholstery, side walls, curtains and slip covers.

AVIATION

194. Dietz, Val, jr. Manufacturing and testing of fabric for airplane covering. Aero Digest 34(4): 73-74, 109. Apr. 1939. 333.8 Ae82
Specifications for cotton fabric for this use are included.
195. Kline, G. M. Fire-resistant doped fabric for aircraft. Indus. and Engin. Chem. 27(5): 556-561. May 1935. 381 J825
Bibliography, pp. 560-561.

*See also Tires.

"Presented before the Division of Paint and Varnish Chemistry at the 89th Meeting of the American Chemical Society, New York, N. Y., April 22 to 26, 1935."

196. Kline, G. M. Fire-resistant doped fabric for aircraft. U. S. Dept. Com. Natl. Bur. Standards. Jour. Res. 14(5): 575-587. May 1935. 157.88 J82
Bibliographical footnotes.
Bibliography, pp. 585-587.
"An Airplane covering with very good resistance to ignition may be obtained by the application of a 3:7 boric-acid-borax mixture to airplane cloth and subsequently doping it with cellulose acetate. Cellulose acetate dope is now only moderately more expensive than cellulose nitrate dope. The cost difference becomes insignificant when the lower fire hazard resulting from the use of the much less flammable cellulose acetate dope is considered."
197. Manufacture of wing fabrics for modern aircraft. Structure of each thread vital. Filling must be as resistant as warp. Textile Amer. 59(5): 7, 14. May 1933. 304.8 T317
"By a retired textile manufacturer."
Stresses necessity of "full, ripe, somewhat flat and spirally twisted cotton fibre."
198. [Nixon, Robert G.] Experimenting with airplanes built entirely of cotton. Textile Bul. 54(20): 18. July 14, 1933. 304.8 So82
Also in Oil Mill Gazetteer 43(1): 3. July 1933.
Possibilities of a new chemical cellulose plastic are described.
199. Parachute cloth from sea island cotton is urged. Floridian [Jack C. Fayssoux] urges government acquire whole of season's crop at once. Cotton Trade Jour. 20(24): 1. June 15, 1940. 72.8 C8214
200. Piccard, Jean and Jeannette. Some problems connected with a stratosphere ascension. Indus. and Engin. Chem. 27(2): 122-127. Feb. 1935. 381 J825
"The following problems of some textile interest are noted in connection with ascent into the stratosphere. (1) Air conditioning: not only must provision be made for oxygen supply, but it is also essential to ensure that the carbon dioxide does not rise above 2 per cent. Cotton pouches containing flaked, caustic soda, provide the most satisfactory means of removal. Similar pouches containing magnesium perchlorate are used to absorb excess moisture and silica gel to absorb organic impurities. (2) Temperature regulation: if the lower part of the gondola is painted black and the upper white a natural air circulation is produced.-C." - Textile Inst. Jour. 26(6): A326. June 1935.

201. Sea island cotton. Year's work in England. West India Com. Cir. 54(1073): 446. Nov. 16, 1939. 8 W524
"The Advisory Committee in England of the West Indian Sea Island Cotton Association report that during the year ended September 30th special attention has been given to questions of publicity, the use of Sea Island cotton for parachutes and balloon fabrics, the competition of American Sea Island Cotton, the administration of the Certification Trade Mark, cases of misrepresentation and the consumption of West Indian Sea Island cotton."
202. Sea island cotton for air defense? Crown Colonist 9(88): 206. Mar. 1939. Libr. Cong.
Also reported in West India Com. Cir. 54(1055): 93. Mar. 9, 1939.
"The possibilities of using fabric made of Sea Island cotton in connection with balloon barrages in the United Kingdom are being considered by the Air Ministry. The Ministry have also experimented successfully with cotton fabric for flare parachutes, and it is hoped that the Sea Island variety will eventually be used, creating a new and important market for the industry." - Empire Cotton Growing Rev. 16(3): 250. July 1939.
203. Textile materials employed in airships. Rayon Textile Monthly 17(7): 430-431. July 1936. 304.8 R21
"These facts are obtained from an article by Ludwig Geisser, which appeared in the 'Spinner und Weber,' February 28th, 1936. The author described in this article many minute details of construction particularly in regard to the textiles employed and the reason for their selection and use." The construction of the cotton cloth used for covering the hull of the "L. Z. 129" is given. About 35,000 square meters of cotton and linen fabrics have been used in the construction of this airship.
204. Textiles at new high. Cotton fabrics important factor in record-breaking stratosphere ascent. Textile World 85(13): 2444. Dec. 1935. 304.8 T315
Construction of fabrics used in the stratosphere flight "under the auspices of the National Geographic Society and the U. S. Army Air Corps" are given.
205. Wilkie, J. B. Mercerization of cotton for strength with special reference to aircraft cloth. U. S. Natl. Advisory Com. Aeronaut. Tech. Notes 450, 16pp., processed. Washington, D. C., 1933. 333 Un3
Reprinted with slight changes in Textile Res. 3(7): 346-363, May 1933. Also in Amer. Dyestuff Rptr., 22(7): 217-225. Mar. 27, 1933. Also in Textile Mfr. 59(702): 242-243, 250. June 1933.

206. Wings over Lancashire. Textile Rec. 54(648): 14. Mar. 6, 1937.
304.8 T311
The use of cotton fabric for airplane construction is noted.

AWNINGS AND TENTS

207. Cottons institute offers cooperation to tent men. Paul B. Halstead, Secretary-treasurer, in talk to National Tent and Awning group, suggests joint committee to administer advertising fund to spur uses of heavy cottons. Daily News Rec. [N.Y.] no. 14853, p. 6. Oct. 12, 1938. 286.8 N48
208. Everett, Charles K. New business opportunities. Cotton Econ. 1(8): 5. Feb. 23, 1933. 286.82 C824
Summary of address by Manager of the New Uses Section of the Cotton-Textile Institute at the annual convention of the New England Awning and Tent Manufacturers Association.
"Cotton awnings offer a wide field for promotional efforts and sales increase."
209. Inroads of substitutes on awnings of cotton duck draw warning. Daily News Rec. [N.Y.] no. 261, pp. 1, 12. Nov. 7, 1939. 286.8 N48
"In the State of Texas alone this year, 400,000 yards of cotton duck have been replaced by wooden awnings."

BAGS

210. A. & P. places order for 2,500,000 cotton bags. Textile Colorist 61 (728): 558. Aug. 1939. 306.8 T31
This order given by the Great Atlantic & Pacific Tea Company "will require the cotton production of an estimated 5,000 acres and provide the equivalent of a full week's employment for 18,000 persons." The bags will be used for flour.
The order is also reported in Business Week no. 518, p. 26. Aug. 5, 1939.
211. Abandon bags in packing Arizona grapefruit - too much damage. Ariz. Prod. 17(5): 1, 21. May 15, 1938. 6 Ar44
The use of mesh bags, specified by the Surplus Commodities Corporation in its purchases for relief purposes, resulted in damage to the fruit while in transit.
212. [Ames, J. F.] Substitution of kraft for cotton uneconomic, says Ames in analysis. Cotton bag manufacturer... urges remedies. Cotton Trade Jour. 18(21): 1, 8. May 14, 1938. 72.8 C8214
Quotations from a brochure on competition of paper bags with cotton, are given.

213. [Association of cotton textile merchants of New York] Drive planned to extend use of cotton bags. Cotton Trade Jour. 19(13): 14. April 1, 1939. 72.8 C8214
214. Atlantic & Pacific co. now packs feeds in cotton sacks. Cotton Trade Jour. 18(52): 8. Dec. 10, 1938. 72.8 C8214
215. Barre, C. T., and Omohundro, E. H. Consumer package for shelled raw peanuts. Duplex cotton bag presents attractive appearance. Peanut Jour. & Nut World 17(6): 10-11. Apr. 7, 1938. 77.8 P313
216. [Bemis brothers bag company] Bag closure method is perfected by Bemis bro. Oil, Paint, and Drug Rptr. 125(4): 22. Jan. 22, 1934. 306.8 O15
The new closure method consists briefly of applying a cemented strip by machine over the end of paper-lined cloth bags.
217. Brand, A. A "cover" index for fabrics. Textile Mfr. 60(720): 486. Dec. 1934. 304.8 F3126
"Well-known differences between established bag fabrics and cheaper substitute fabrics are explained by calculating the relative cover given by alternative constructions."
218. Brown, John J., and Cheatham, R. J. Cotton bags and other containers in flour mills of the United States years ended June 30, 1933 and 1934. 25pp., processed. Washington, D. C. U. S. Dept. of agriculture, Bur. of agricultural economics, 1938. Utilization of American Cotton Series no. 21. 1.9 Ec733U
Extract in Cotton Trade Jour. 18(14): 6. Mar. 26, 1938;
Summary in Southwest. Miller 17(4): 21-22. Mar. 22, 1938.
219. Buffalo cotton bag mfrs. ask permission to sell France, Britain. Daily News Rec. [N.Y.] no. 219, p. 12. Sept. 19, 1939. 286.8 N48
"Local manufacturers of cotton bags for the flour milling and cattle feed trades have made inquiries to the State Department at Washington if they can accept contracts from France and Great Britain for large quantities of cotton bags to be used as sand bags for defense purposes."
220. Cheatham, R. J., and Whitaker, Rodney. Cotton and other materials utilized in bags for cement. 24pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1937. 1.9 Ec 733Cmu
221. Cheatham, R. J. "Cotton-bag" fertilizers for cottonbelt farmers. Amer. Cotton Grower 4(12): 6. May 1939. 72.8 Am32
The author reports the quantity of cotton used in bags in which fertilizer is sold to southern farmers.

222. Cheatham, R. J., and Wigington, J. T. Cotton bags as consumer packages for farm products. U. S. Dept. Agr. Misc. Pub. 175, 10pp. Washington, D. C., 1933. 1 Ag84M
Reprinted in Farm and Ranch 53(11): 3, 7. June 1, 1934.
Describes in detail the duplex cotton bag and its use.
"Wholesalers and retailers report that (1) products sold in small cotton bags are usually packaged at shipping points, although some potatoes, onions, and citrus fruits have been packaged at destination, (2) many chain-store operators and independent retailers, as well as producers and shippers, favor the use of these small cotton bags for these three products, and (3) when sound and well graded, these products carry in small cotton bags satisfactorily under ordinary transportation conditions."
223. Cheatham, R. J., and Evans, Robert B. Utilization of cotton and other materials in fertilizer bags. 25pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1939. 1.9 Ec733Ut
Extracts in Cotton Digest 11(19): 11-12. Feb. 11, 1939; Amer. Fert. 90(3): 13. Feb. 4, 1939; Daily Mill Stock Rptr. 23(25): 3, 5. Feb. 7, 1939; Mid-So. Cotton News 16(8): 3. Feb. 1939; Com. Fert. 58(3): 7. Mar. 1939; Cotton Trade Jour. 19(16): 7. Apr. 22, 1939.
224. Comer, Donald. Comer asks tariff on jute to protect growers of cotton. Urges protected farmers of north, west to use cotton sacks. Jour. Com. [N.Y.] 171(13,235, Sec.2): 17A, 20A. Jan. 27, 1937. 286.8 J82
225. Cotton bags. Cotton Trade Jour. 20(10): 2. Mar. 9, 1940. 72.8 C8214
Editorial on the announcement that "Austrian winter peas and hairy vetch... seed which is accepted as collateral for loans by the Commodity Credit Corporation must be packaged in cotton."
226. Cotton bags. Textile World 85(10): 1867. Sept. 1935. 304.8 T315
Constructions of print-cloth, sheeting, and osnaburg for various types of bags are given.
227. Cotton may bag sugar crop if test succeeds. Sack believed to be 2 to 3 times stronger than jute being tested. Cotton Trade Jour. 18(51): 1. Dec. 3, 1938. 72.8 C8214
228. Cotton sacks. Cotton Digest 12(24): 5. Mar. 16, 1940. 286.82 C822
"Charles K. Everett of the Cotton-Textile Institute reports that the first trade experiments with cotton sacks for packing sulphate of ammonia indicate the possibilities of opening up for cotton another new market of considerable proportions."
229. Cotton sand bags get approval of War department. Standard osnaburg construction to compete with jute fabric. Cotton Trade Jour. 20(4): 1, 5. Jan. 27, 1940. 72.8 C8214

230. Crothers, Ralph. Salesman's wife helps produce advertising idea. Sugar refiner suggests uses for cotton bags after the product has been removed. Printers' Ink 163(13): 27-28. June 29, 1933. 238.8 P932
Suggests use of cotton sugar bags for various articles of clothing.
231. Disaster seen if markets for bags are not regained. Daily News Rec. [N.Y.] no. 45, p. 13, Feb. 24, 1939. 286.8 N48
232. Everett, Charles K. Cotton goods mills seize new outlets for products. Comparative high price for burlap materials enables mills to win customers for cotton baggings - sellers develop wide variety of industrial fabrics - plan for cotton week. Jour. Com. [N.Y.] 183(14142): 1A-2A. Jan. 29, 1940. 286.8 J82
233. Insist on cotton bags! Mid-So. Cotton News 15(11): 4. May 1938. 72.8 C8295
An editorial urging consumers to purchase commodities packed in cotton bags.
234. Laing, W. T. "You sold chemises, not flour!" Printers' Ink, 164(6): 64, 68-69. Aug. 10, 1933. 238.8 P932
"The story of a persistent account executive who pried open the door to a long closed market for his flour" by discovering that purchasers bought brands sacked in material that could be used for garments.
235. Littlefield, A. S. Advantages and disadvantages as between cotton and burlap bags in the handling of potatoes. Potato World 3(2): 15-18, processed. Feb. 1934. 286.83 P84
236. Methods of promoting sales of peanuts through retail trade. Nut displays and placards best silent salesmen. Peanut Jour. & Nut World 17(6): 7, 9, 11. Apr. 1938. 77.8 P313
The new cotton-mesh bag developed by the United States Department of Agriculture is illustrated.
237. Mill men urge compensating tax on other fibres. Textile Bul. 45(5): 7, 11. Oct. 5, 1933. 304.8 So32
Report of hearing at Washington, D. C., Oct. 2, 1933. The competition of paper and jute with cotton in manufacture of bags was discussed.
238. Moisture resisting cotton bags. Chem. Age [London] 31(789): 118, 120. Aug. 11, 1934. 382 C427
239. [National cotton council of America.] Council plans cotton-bag campaign. Cotton Digest 12(2): 14. Oct. 14, 1939. 286.82 C822

240. New cotton uses. Fibre and Fabric 89(2659): 17. Jan. 18, 1936.
304.8 F44
An "ice-crushing set... consisting of a cotton duck bag and chrome-steel mallet" is described.
241. New use for cotton. Textile Bul. 51(16): 20, Dec. 17, 1936.
304.8 Sc82
A canvas bag for carrying logs and kindling is illustrated.
242. Paper bag threat seen serious to cotton industry. Daily News Rec. no. 47, p. 9, Feb. 27, 1939. 286.8 N48
Decrease of use of cloth bags for food products is noted.
243. Propose cotton bags for raw sugar. Textile World 90(6): 49. June 1940. 304.8 T315
"Successful demonstration of the practical use under commercial conditions of a bag for raw sugar shipment made from cotton instead of customary jute has been effected under the sponsorship of the American Sugar Cane League, an organization of domestic sugar growers and processors."
244. Quality packaging of coal in cotton proves successful. Ramelli coal co., New Orleans firm, using 118,000 cotton bags a year. Cotton Trade Jour. 20(21): 1, 3. May 25, 1940. 72.8 C8214
245. Raw sugar may be packed in cotton as result of jute bagging shortage. Research laboratory provides bag specifications following tests. Cotton Trade Jour. 19(42): 1, 5. Oct. 21, 1939. 72.8 C8214
246. Sandbags from cotton waste. Financ. News 7(50): 10. Dec. 23, 1939.
286.8 F496
"A new type of sandbag in 'Imitation Hessian', manufactured from raw cotton waste has been placed on the market by a Bombay cotton mill... When the price of jute reaches Rs. 80 or Rs. 90 the manufacture of cotton hessian from waste, it is claimed, becomes a commercial proposition."
247. 70,000 farmers sign petitions for cotton bags. Signatures include approximately 100 from each county in cotton country. Cotton Trade Jour. 20(19): 6. May 11, 1940. 72.8 C8214
Also in Delta Council News 1(9): 2. May 14, 1940; Cotton Trade Jour. 20(20): 2. May 18, 1940.
The petition will be presented to manufacturers of feed, fertilizer and other products, suitable for packing in cotton bags.
248. Shipping in cotton wrapping material. American Wool and Cotton Rptr. 46(44): 22-23. Nov. 3, 1932. 304.8 W88
Use of cotton wrapping material by textile mills in shipping their products is noted.

249. Smith, H. C. Cotton sacks are good. Oil Miller and Cotton Ginner 45(5): 6. Jan. 1935. 307.8 O15
The author argues for the use of cotton instead of Asiatic jute for bale wrappings and sugar and fertilizer sacks.
250. Sugar and cotton. Sugar Bul. 11(24): 11. Sept. 15, 1933. 65.9 Am32
"Fully 50,000,000 square yards of cotton cloth will be used during 1933 in making and sacking sugar from the nation's crop of sugar beets, according to estimates announced by the United States Beet Sugar Association."
251. Sugar bags for Hawaii a prospect for increased use of cotton. Cotton [Atlanta] 100(12): 80. Dec. 1936. 304.8 C823
"The cotton bag in which to package raw sugar was designed by technologists of the Division of Cotton Marketing of the Department of Agriculture in conjunction with North Carolina State College on the division's search for new and more extensive uses for cotton."
252. Tell housewives how to make use of cotton bags. National cotton council initiates belt-wide publicity campaign. Cotton Trade Jour. 19(44): 1, 8. Nov. 4, 1939. 72.8 C8214
253. Test cotton bags for shipping Cuban sugar. Weekly Statis. Sugar Trade Jour. 61(25): 258. June 24, 1937. 65.8 W41
Also in Mid-So. Cotton News 15(1): 1. July 1937; Textile Bul. 52(19): 27. July 8, 1937; Sugar News 18(8): 289. Aug. 1937.
A test being conducted by the United States Bureau of Agricultural Economics in its effort to find new uses for cotton is noted.
254. [Thompson, Lewis M.] Alabama farmer deplures use of poor bags and makes a suggestion. Cotton and Cotton Oil Press 39(21): 14. May 21, 1938. 304.8 C822
Cottonseed oil companies are criticized for packaging cottonseed meal in jute instead of cotton bags in a letter to the editor of the Birmingham (Alabama) News.
255. Turner, Walter. New uses to increase consumption. Cotton Digest 11 (51): 3. Sept. 23, 1939. 286.82 C822
Table shows quantity of cotton that would be used for wrapping and sacking certain agricultural products if cotton were substituted for the jute now used.
256. U. S. uses more cotton bagging. Textile Bul. 54(22): 6. July 28, 1938. 304.8 So82
The Surplus Commodities Corporation is using cotton bags whenever possible to pack commodities purchased for distribution through relief agencies.

257. Use cotton bags instead of paper. Cotton Digest 11(49): 6. Sept. 9, 1939. 286.82 C822
258. Uses for cotton bags. Cotton [Atlanta] 99(5): 39. May 1935. 304.8 C823
The "promotional possibilities" for stores in the sale of used cotton sacks are noted.
259. War and sand bags. Cotton Trade Jour. 20(3): 2. Jan. 20, 1940. 72.8 C8214
Editorial suggesting that "coarse woven cloths made from yarns spun from low grade cotton ought to be produced cheaply enough to find a place in the bag market under prevailing conditions in the jute market."
260. White, N. D. Practical processing and dyeing of hosiery. Cotton, wool, silk, rayon and combinations of these fibers. Textile Colorist 55(655): 446-449. July 1933. 306.8 T31
"Material for bagging." Describes the construction of cotton cloths for making bags to be used in dyeing hosiery.
261. Wigington, J. T., and Cheatham, R. J. Use of cotton bags and other containers in flour mills of the United States - 1932. U. S. Dept. Agr. Bur. Agr. Econ. Div. Cotton Mktg. Util. Ser. 15, 13pp., processed. Washington, D. C., 1933. 1.9 Ec733U
"Data obtained in this survey indicate that 69.4 percent of the flour reported was packaged in cotton bags; 18.2 percent in burlap bags; 12.2 percent in paper bags; and less than 0.2 percent in wooden barrels. These data, when compared with the percentages reported for 1930-31, indicate a change in packaging practices - that the use of cotton and paper bags increased while the use of jute bags and wooden barrels decreased during this period."
"Approximately 220,000 bales of cotton would have been required to manufacture enough cotton bags to package all the flour produced in the United States during the year ended June 30, 1932." - Summary, p. 13.
262. Will buy in cotton containers. Farm and Ranch 58(3): 3. Mar. 1939. 6 T31
"Farmers in Dallas county, Texas, have organized to insist on their purchases being wrapped in cotton containers."

BALE COVERINGS

263. Action on Fulmer net weight bill is sought in Senate. Smith cast for role of villain, Bilbo wants action. Cotton Trade Jour. 20(5): 1, 8. Feb. 3, 1940. 72.8 C8214
"The Fulmer Bill is designed to remove the gross-weight trade practice under which jute bagging has an advantage not based upon its cost as compared with cost of cotton bagging."

264. .Adaire, Deon. Warehouse wanderings. Cotton Digest 11(51): 9.
Sept. 23, 1939. 286.82 C822
Includes quotations from R. O. Baumbach as to method of taring
bales covered with cotton bagging.
265. After sea trip, cotton bagging still is intact. Reports from Milan,
Italy, indicate success of the test. Cotton Trade Jour. 19(21):
7. May 27, 1939. 72.8 C8214
266. Agriculture department offers cotton coverings for 1,000,000 bales.
Textile Bul. 55(2): 48-49. Sept. 15, 1938. 304.8 So82
Efforts of the U. S. Department of Agriculture to encourage
the use of cotton bagging are commented upon.
267. "All cotton" bale turned out at Longview, Tex. gin. Cotton Trade
Jour. 18(39): 1. Sept. 10, 1938. 72.8 C8214
The bale was covered with cotton bagging and tied with cotton
rope.
268. [American cotton cooperative association. Board of directors] Co-op
board gives hand to trade pacts. Group votes to co-operate in
cotton bagging test; turns down loan. Mid-So. Cotton News 16(1):
8. July 1938. 72.8 C8295
Also in Okla. Cotton Grower 18(11): 1. July 15, 1938.
Resolutions passed at a meeting held in New Orleans in June
1938 are noted.
269. Ark. bill would make use of cotton wrappers compulsory. Daily News
Rec. [N.Y.] no. 45, p. 15. Feb. 24, 1939. 286.8 M48
Cotton covering for bales is proposed in this bill introduced
into the Arkansas legislature.
270. Bagging. One million bale coverings of cotton available. Amer. Cotton
Grower 6(1): 7. June 1940. 72.8 Am32
The program of the U. S. Department of Agriculture for a subsi-
dy on cotton bagging for cotton bales is commented upon.
271. Balls, W. L. The handling of cotton with cotton in place of jute.
Internatl. Cotton Bul. 13(52): 633-640. July 1935. 72.8 In8
Summary in Textile Mercury and Argus 92(2408): 420. May 10,
1935.
Paper presented at the International Cotton Congress in Rome,
May 1935.
272. Balls, W. L. Jute fibres in cotton. Internatl. Cotton Bul. 12(47):
301-302. Apr. 1934. 72.8 In8
Statement of results of tests on bales wrapped with cotton
and with hessian bale covers.

273. Beveridge, E. A. Free for all. Cotton Digest 12(3): 7, 10. Oct. 21, 1939. 286.82 C822
Letter to the editor commenting on an editorial entitled, "Standard weight needed for cotton bagging."
274. Bill may make cotton covering of bales mandatory. Cotton Digest 11(21): 6. Feb. 25, 1939. 286.82 C822
Editorial on Senator Bilbo's bill.
275. Burch, O. L. Cotton bagging and jute tariff. Cotton and Cotton Oil Press 37(52): 16. Dec. 26, 1936. 304.8 C822
Reprinted from the Macon (Ga.) Telegraph, Dec. 11, 1936.
Also in Amer. Ginner and Cotton Oil Miller 14(5): 11, 12. Jan. 1937.
Discussion of cotton bagging and sale of cotton by net weight.
276. Cheatham, R. J., and Brown, J. J. Effect of certain bale covers on the spinning behavior of cotton. 30pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, Division of cotton marketing, 1934. 1.9 Ec733E1f
Conclusions reprinted in Textile Bul. 47(7): 4-6. Oct. 18, 1934.
"In cooperation with the Textile School of North Carolina State College of Agriculture and Engineering, University of North Carolina."
- Bales covered with sisal, jute, or cotton bagging were tested.
277. Clothe million bales in cotton bagging at low government price. Accord Lane cotton mills huge contract for fabric Odenheimer pioneered. Meet tare problem. Cotton Trade Jour. 18(36): 1, 7. Aug. 20, 1938. 72.8 C8214
278. Comer, Donald. Cotton bagging. Foreign jute usurps place of 1,500,000 bales of cotton. Cotton Trade Jour. 9th Internatl. ed. 17(18): 118. 1937. 72.8 C8214
279. [Comer, Donald] Jute and cotton bagging discussed by Donald Comer. Cotton Trade Jour. 17(20): 1, 3, 4. May 15, 1937. 72.8 C8214
Also in Textile Bul. 52(12): 12-13, 38, 40, 41. May 20, 1937;
Amer. Wool and Cotton Rptr. 51(22): 15-16, 50-52. June 3, 1937.
Extracts from address at annual meeting of American Cotton Manufacturers' Association, Washington, D. C., May 13, 1937.
280. Comer, Donald. Use cotton bagging instead of jute. Com. and Finance 25(11): 395, 406. May 30, 1936. 286.8 C737
281. Community likes cotton bagging. Prog. Farmer (Tex. ed.) 55(3): 20. Mar. 1940. 6 T311
Use of cotton bagging for wrapping bales, by the White Gin Association located five miles north of El Paso, Tex. is noted.

282. Cotton bagging. Co-op Cotton Weekly News 6(20): 2. Nov. 21, 1939.
280.28 C7821
"A bale of cotton wrapped in cotton bagging contains 7-1/2 pounds more lint than a bale of same gross weight wrapped in jute. Members are reminded that the Cotton Co-op. makes allowance for the 7-1/2 pounds."
283. Cotton bagging. Okla. Cotton Grower 18(13): 2. Sept. 15, 1938.
72.8 Ok4
Editorial on the experiment of the Agricultural Adjustment Administration in using cotton bagging to wrap cotton bales.
284. Cotton bagging. Textile Bul. 54(26): 14. Aug. 25, 1938. 304.8 So82
.. Editorial on the plan of the Agricultural Adjustment Administration to encourage the use of cotton bagging for bale covering. The author states that "an adequate tariff on jute and jute products would bring prosperity to the South."
285. Cotton bagging a realization? Cotton Trade Jour. 18(36): 2. Aug. 20, 1938. 72.8 C8214
Editorial on the assistance being offered by the Department of Agriculture in the promotion of the use of cotton bagging for wrapping cotton bales.
286. Cotton bagging again. Cotton Digest 9(3): 4. Oct. 24, 1936. 286.82 C822
"It is a matter of selling the cotton producer on the idea of the value to him of using cotton cloth as bagging; of selling on a net weight basis, and showing him where this can be done at a saving rather than at an expense to him. Manifestly, the cotton manufacturer must bring out a cotton bagging pattern that will compete with jute, both in quality and in price."
287. Cotton bagging bale in museum. Amer. Cotton Grower 5(11): 16. April 1939. 72.8 Am32
"Commissioner Harry D. Wilson, of Louisiana, has placed in the Agricultural Museum, State Capitol, a bale of cotton - grown on his farm - wrapped with cotton bagging and tied with cotton rope."
288. Cotton bagging contract awarded. Cotton Digest 10(37): 10. Aug. 27, 1938. 286.82 C822
Contract has been awarded to the Lane Cotton Mills Company for cotton bagging to be used as a covering for cotton bales under an Agricultural Adjustment Administration diversion program.
289. Cotton bagging covers 8 percent of year's crop. Cotton Trade Jour. 19(29): 3. July 22, 1939. 72.8 C8214
Also in Cotton Digest 11(42): 4. July 22, 1939.
290. Cotton bagging is popular with foreign spinners. Use promises annual market for some 135,000 bales of cotton. Tex. Co-op. News 18(11): 1. Nov. 15, 1938. 72.9 T315F

291. Cotton bagging makes new friends. Cotton Trade Jour. 16(39): 2. Sept. 26, 1936. 72.8 C8214
A memorial to Congress adopted by the Senate of Mississippi urging passage of the net-weight bills, is given.
292. Cotton bagging substitution is asked by Ohioan. Cotton Trade Jour. 19(47): 1, 8. Nov. 25, 1939. 72.8 C8214
The use of cotton bagging in packing bales of cotton is recommended.
293. Cotton bagging to be talked at Atlanta meeting. Weight allowance pledges of mills expiring, unanimous action sought. Cotton Trade Jour. 20(14): 1, 8. Apr. 6, 1940. 72.8 C8214
The actual weight of various types of bale covering is given.
294. Cotton bagging to get trial. Cotton Digest 10(44): 11. Aug. 6, 1938. 286.82 C822
Also in Textile Bul. 54(23): 12-13. Aug. 4, 1938.
The program of the Agricultural Adjustment Administration to promote the use of cotton as a bale covering is given.
295. Cotton bagging use ordered by CCC. Cotton Digest 12(22): 10, Mar. 2, 1940. 286.82 C822
Also in Cotton Trade Jour. 20(10):5. Mar. 9, 1940; Tex. Co-op. News 20(4): 7. Apr. 15, 1940.
"The Commodity Credit Corporation... will specify that cotton bags must be used for sacking Austrian winter peas and hairy vetch accepted as collateral by the CCC in connection with the 1940 seed loan program in the Pacific Northwest states."
296. Cotton bagging use to increase. Cotton Digest 11(32): 6. May 13, 1939. 286.82 C822
Editorial on the use of cotton bagging as a bale covering in one-variety communities.
297. Cotton bagging's fight to replace jute thought won, war is a factor. Ocean freight situation handicapping importation of Indian jute. Cotton Trade Jour. 19(37): 1, 7. Sept. 16, 1939. 72.8 C8214
298. Cotton bale bagging. Tex. Co-op. News 19(6): 2. June 15, 1939. 72.9 T315F
Editorial.
299. Cotton bale covering runs into a snag. Textile World 89(11): 104-105. Oct. 1939. 304.8 T315
"In the matter of stencil ink a simple remedy could probably be found; but there is little hope of remedying the attitude of too shrewd shippers who refuse to pay the farmer, or too shrewd mill men who refuse to pay the shipper."

300. Cotton co-ops assist export and bag plan. Will attempt to sell cotton wrapped in cotton at premium. Okla. Cotton Grower 18(13): 1. Sept. 15, 1938. 72.8 Ok4
"The American Cotton Cooperative Association and the Oklahoma Cotton Growers Association this year are undertaking two important programs designed to improve the packaging of American cotton, and the delivery of American bales to foreign and domestic mills under better conditions. The program is being carried out in cooperation with the Cotton Marketing Section of AAA and the Federal Surplus Commodity Corporation."
301. Cotton covering for cotton bales. Prog. Farmer (Tex. ed.) 54(8): 5. Aug. 1939. 6 T311
Editorial.
302. Cotton covering for one-variety community cotton. Internatl. Cotton Bul. 17(66): 166, 168. Jan. 1939. 72.8 In8
Comment on an experiment in the United States in which it is pointed out that "if spinners receive bales covered in cotton covering, it does not necessarily follow that these are One-Variety Community bales."
303. Cotton instead of jute used to cover bales. Textile Bul. 54(15): 24-25. June 9, 1938. 304.8 So82
"Representative Hampton P. Fulmer announced that he has an agreement with Department of Agriculture officials to cover from one to two million bales [with] cotton bagging instead of jute, and to allow sale of the cotton on a net weight basis this fall."
304. [Cotton manufacturers association of South Carolina] M. P. Orr head of Cotton mfrs. assn. of South Carolina. Daily News Rec. [N.Y.] no. 131, pp. 1, 12. June 6, 1938. 286.8 N48
Also in Textile Bul. 54(15): 13. June 9, 1938; Cotton [Atlanta] 102(7): 71. July 1938.
Report of annual meeting held at High Hampton, N. C., June 1938.
"A resolution in support of Congressman H. E. Fulmer's plan whereby the Federal Surplus Commodities Corp. would allow a slight increase in the price of cotton wrapped in cotton bagging instead of the customary jute bagging" was adopted.
305. Cotton patching. Internatl. Cotton Bul. 17(67): 319. Apr. 1939. 72.8 In8
"The Lane Cotton Mills of New Orleans, the firm manufacturing a cotton covering for American cotton bales... is now manufacturing a 1/2-lb. cotton patch which will be used by cotton compresses to cover sample holes cut in cotton bales. This cotton patch will take the place of the usual 2-lb. jute patch."

306. Cotton or jute bagging for American cotton. Textile Bul. 53(1): 5-7. Sept. 2, 1937. 304.8 So82
307. Cotton shipped in cotton cloth and bound with cotton rope. Cotton [Atlanta] 102(11): 92. Nov. 1938. 304.8 C823
Illustration shows a shipment of cotton wrapped and bound in cotton.
308. Cotton spinner. Master cotton spinners of world endorse sale of cotton by net weight and cotton covering. Cotton Trade Jour. 14(17): 11. Apr. 28, 1934. 72.8 C8214
Mr. W. S. Pearse of the International Federation of Master Cotton Spinners' and Manufacturers' Associations is quoted.
309. Cotton to wrap cotton "going places" in Georgia. Mills, gins and merchants cooperate to consume more cotton. Tenn. Valley Farmer 2(5): 14. Nov. 1938. 6 T253
310. Farmers vote use of cotton bagging. Cotton Trade Jour. 19(26): 5. July 1, 1939. 72.8 C8214
"Farmers and ginners of Holmes County [Mississippi] have voted approval of the use of cotton bagging for the 1939 crop."
311. Fulmer, Hampton P. Net weight and cotton bagging versus gross weight and jute bagging. Cong. Rec. 84(138): 12426-12430. July 11, 1939. 148.2 R24
312. Fulmer, Hampton P. Sell cotton wrapped cotton net weight. Mfrs. Rec. 104(10): 26. Oct. 1935. 297.8 M31
313. Garner, C. G. Cotton bagging for Georgia cotton. South. Agr. 69(9): 15. Sept. 1939. 6 So83
"The AAA program to subsidize the manufacture of 1,000,000 patterns of cotton bagging for wrapping cotton in the South was announced late but as an experiment has been very successful in Georgia."
314. Government asking shipper-mill co-operation on cotton bagging. Marketing section plans stronger 1940 drive for better baling material. Cotton Trade Jour. 19(44): 3. Nov. 4, 1939. 72.8 C8214
315. Government awards bagging contracts. Cotton Digest 12(33): 4. May 18, 1940. 286.82 C922
An announcement by the Division of Marketing and Marketing Agreements of the Department of Agriculture regarding "approval of allotments to four cotton mills for the manufacture, sale, and delivery of 855,000 cotton 'patterns', or 'bale covers'" is noted.
316. Government buys cotton bagging for test use. Textile Bul. 53(3): 29. Oct. 21, 1937. 304.8 So82

317. Government reports use of cotton bagging increased this season. Government subsidy of manufacture is explained by Myers. Cotton Trade Jour. 19(18): 7. May 6, 1939. 72.8 C8214
318. Hagn, George. Report. Cotton Ginners Jour. 4(8): 3-4. May 1933. 304.8 C824
At 24th annual convention of Texas Cotton Ginners' Association in Dallas, Tex., Apr. 7, 1933.
In this report the president of the association discusses national farm relief legislation and ginning legislation in Texas, and urges use of cotton bagging.
319. Hill, T. Y. Cotton bagging. Prog. Farmer (Tex. ed.) 54(10 i.e.11): 4. Nov. 1939. 6 T311
320. How to increase cotton consumption. Farm and Ranch 53(10): 9. Oct. 1939. 6 T31
It is suggested that "we cover all of our cotton bales with cotton bagging" and "that sugar, salt and many other commodities used by farmers and others be put in cotton bags instead of paper."
321. Improved baling of American cotton. Cotton [Manchester] 45(2190): 7. Dec. 9, 1939. 304.8 C826
Encouragement of the use of cotton bagging as a bale covering by the U. S. Department of Agriculture is noted.
322. Improved method of baling American cotton. U. S. Dept. Com. Bur. Foreign Dom. Com. Com. Rpts. no. 46, p. 1061. Nov. 18, 1939. 157 C76D
Illustrations show American cotton wrapped in jute and in cotton bagging in a foreign warehouse.
323. Interest revived in cotton bagging. Carolina Co-op. 16(2): 26. / Feb. 1938. 72.8 N81
Includes extracts from an editorial in the Commercial Fertilizer Journal on use of cotton bags in the fertilizer industry.
324. [International federation of master cotton spinners' and manufacturers' associations] Minutes of the meetings of the Joint Egyptian cotton committee, held in... Giza... February 17th [18th, 19th] 1934. Internatl. Cotton Bul. 12(48): 485-504. July 1934. 72.8 In8
Discussion on cotton bagging, pp. 501-502.
325. Inventor claims new cotton bagging. Cotton Digest 10(34): 9. May 28, 1938. 286.82 C822
Also in Cotton Trade Jour. 18(23): 8. May 28, 1938.
W. W. O'Neal, Little Rock, has been granted patent papers on a new method of processing cotton. Bagging made by the new process is stronger than jute, is more durable and will not absorb moisture.

326. Jewell, E. O. Why not cotton bagging? Cotton Trade Jour. 8th International. ed. 15(20): 144, 146. 1934-1935. 72.8 C8214
327. [Jordan, Harvie] How to save \$60,000,000 on cotton crop. Com. Fert. 58(6): 28-32. June 1939. 57.8 C73
The saving "can be achieved largely by two simple measures - high density gin compression and use of cotton bagging instead of jute."
328. Jordon, Harvie. Import duty on jute demanded and growth of a better quality and longer staple length of cotton is urged by the American cotton manufacturers association. South. Cult. 90(4): 2. June 15, 1932. 6 So84
Comment on meeting of American Cotton Manufacturers Association, Atlanta, Ga., May 20-21, 1932. The use of cotton bagging for cotton was discussed.
329. Jute vs. cotton. Com. Fert. 55(1): 7. July 1937. 57.8 C73
An editorial on the advantages of jute bagging versus cotton bagging.
330. Kane, Harnett. Cotton for cotton. Amer. Cotton Grower 4(5): 8. Oct. 1938. 72.8 Am32
The history of the effort to have cotton bales covered with cotton bagging is given.
331. Kirkpatrick, T. K. Make our cotton respectable. Farm and Ranch 57(16): 8. Aug. 15, 1938. 6 T31
Comment on the article entitled "American Cotton in World Trade." The author states that "For one I would be willing to pay a dollar or more on each bale... to get the bale stapled and graded at the gin, and wrapped in an attractive cotton wrapper."
332. Law compels use of cotton covering. Financ. News 7(24): 16. June 24, 1939. 286.8 F496
"The Sao Paulo Federal Government (Brazil) according to a law which became effective as from March 1, 1939 compelled the ginner to cover cotton bales with new cotton covering. No second-hand cotton covering is permitted. Infringements of the new law are punishable by heavy fines." - Entire item.
333. [Lubbock, Texas, cotton broker] Letters. Cotton Digest 12(1): 3. Oct. 7, 1939. 286.82 C822
A letter to the editor giving reasons why cotton wrapping should be used.
334. Marsden, Dunhill. Cotton versus jute bagging for cotton bales. Cotton [Atlanta] 97(1): 24-26. Jan. 1933. 304.8 C823
Includes synopsis of laws on tare in the various cotton states and rules of cotton exchanges on tare; discussion of selling on net weight basis, and the influence of a tariff on jute on use of cotton bagging.

335. Milestone in drive for cotton bagging for cotton bales. Momentum given program by purchasing of 1,000,000 bale patterns, and allowance for tare by mills. Cotton [Atlanta] 102(9): 66. Sept. 1938. 304.8 C823
Comment on the program of the U. S. Department of Agriculture to encourage the use of cotton bagging for cotton bales.
336. Mill men strong for better bale covering, ginning. Cotton bagging and better ginning should aid producer sales. Cotton Trade Jour. 19(37): 3. Sept. 16, 1939. 72.8 C8214
337. Mills asked to aid experiments in cotton baling. Daily News Rec. [N.Y.] no. 14551, pp. 5, 8. Oct. 16, 1937. 286.8 M48
A letter from the Cotton-Textile Institute to mill executives urging cooperation with the experiments of the U. S. Department of Agriculture is noted.
338. Mississippi bill would require cotton wrapping for cotton and other commodities. Cotton and Cotton Oil Press 41(10): 17. May 11, 1940. 304.8 C822
The bill was introduced in the Mississippi house of representatives by Carl C. Allen.
339. More cotton on cotton. Farmer-Stockman 52(15): 392. Aug. 1, 1939. 6 Ok45
Editorial on the use of cotton bagging on cotton.
340. More mills agree to cooperate in cotton bagging drive. Lane says plants representing 9,352,093 spindles now on list. Cotton Trade Jour. 18(45): 6. Oct. 22, 1938. 72.8 C8214
341. [Murchison, Claudius T.] Cotton fabric bale covering urged. Cotton Digest 10(4): 31. Oct. 30, 1937. 286.82 C822
342. [Murchison, Claudius T.] Mills to cooperate in promotion of cotton bagging. More than 100 will make allowance in purchases for lighter tare. Cotton Trade Jour. 18(40): 1. Sept. 17, 1938. 72.8 C8214
343. Murray, L. T. [Cotton bagging as a practical material for covering cotton bales.] Cotton Digest 12(3): 11. Oct. 21, 1939. 286.82 C822
Letter to the editor.
344. [Myers, Lawrence] Cotton bagging program applies to all cotton. Designed to stimulate consumption of cotton by encouraging new uses, benefit to growers. Tex. Co-op. News 19(5): 5. May 15, 1939. 72.9 T315F

345. Net weight is approved for non-jute bales. Cotton Trade Jour. 18(55): 6. Dec. 31, 1938. 72.8 C8214
Also in Cotton Trade Jour. 19(1): 8. Jan. 7, 1939.
At the meeting of the International Cotton Committee of the International Federation of Master Cotton Spinners' and Manufacturers' Associations, held in Milan, Italy, a resolution asking cotton exchanges to modify their rules to permit net-weight trading in cotton-covered bales was adopted.
346. New cotton bagging being bought by Texas gins. Advocates point out that 75,000,000 yards would be used for crop. Cotton Trade Jour. 18(42): 3. Oct. 1, 1938. 72.8 C8214
347. New program to promote cotton use. Use of cotton as covering for cotton bales made possible. Okla. Cotton Grower 18(12): 1. Aug. 15, 1938. 72.8 Ok4
The program of the Agricultural Adjustment Administration is announced.
348. New type of bagging used. Okla. Cotton Grower 18(6): 1. Feb. 15, 1938. 72.8 Ok4
"The Oklahoma Cotton Growers' Association has received 39 bales of cotton from the Oklahoma A. and M. College experiment farm at Stillwater wrapped in a new type of cotton bagging... This bagging was furnished by the Bureau of Agricultural Economics with the understanding that it would be followed through to the ultimate destination of cotton and that the results of this experiment should be used in determining the practicability of this type of bagging for cotton."
349. New uses. Cotton bagging program under way for first time on an extensive test. Amer. Cotton Grower 4(4): 3. Sept. 1938. 72.8 Am32
The program of the Agricultural Adjustment Administration to use cotton bagging for covering cotton bales is noted.
350. [Norris, P. K.] King cotton is dressing up. Farmer-Stockman 51(21): 557. Nov. 1, 1938. 6 Ok45
Illustration shows "American cotton in cotton bagging with steel ties on bale at left, cotton rope on the other."
351. Ousley, Clarence. Cotton bagging again. Cotton and Cotton Oil Press 38(7): 14. Feb. 13, 1937. 304.8 C822
Congressman Fulmer's bill providing for the use of cotton bagging as a bale covering is commented upon.
352. Parham, E. F. Jute vs. cotton bagging. Mfrs. Rec. 104(12): 23, 62. Dec. 1935. 297.8 M31
"A manufacturer of domestic-made jute bagging takes exception to claims that the adoption of cotton fabric for covering cotton bales would be advantageous to the cotton growers of the South." - Editorial note.

353. Parker, Walter. Government can control local cotton business, but not foreign. Cotton Digest 11(19): 10. Feb. 11, 1939.
286.82 C822
The substitution of cotton bagging for jute bagging is urged to increase the consumption of raw cotton.
354. Pearse, A. S. Cotton bagging in place of jute for Egyptian cotton bales. 4pp. [Prague and Carlsbad, International congress of delegated representatives of master cotton spinners' and manufacturers' associations, 1933] 72.9 En82
Preprint of paper presented at International Cotton Congress, Prague and Carlsbad, June 7-10, 1933.
355. Pearse, N. S. European spinners favor cotton-covered bales. Mfrs. Rec. 105(3): 74. Mar. 1936. 297.8 M31
This letter from the general secretary of the International Federation of Master Cotton Spinners' and Manufacturers' Associations calls attention to efforts being made by the Joint Egyptian Cotton Committee to secure legislation by the Egyptian Government which will prevent any other textile material than cotton bagging and cotton string coming into contact with the cotton from the picking through the ginning and pressing stages.
356. Problems with cotton bagging. Cotton [Atlanta] 103(11): 80. Nov. 1939. 304.8 C823
357. The promotion of cotton bagging. Textile Bul. 53(14): 24-25. Dec. 2, 1937. 304.8 So82
Quotations from a letter to mill executives from Dr. Claudius T. Murchison regarding experiments to be conducted by the Department of Agriculture in the use of cotton fabric for bale coverings are given.
358. Report praising cotton bagging is sent Wallace. Fire hazard is lessened with new covering, says warehouse supt. Cotton Trade Jour. 8 (38): 3. Sept. 3, 1938. 72.8 C8214
Extracts from a report by E. H. Lockenberg.
359. [Roberts, J. B.] Cotton bagging superior to jute as foe to dampness, says Roberts. Increased consumption aside, cotton has definite advantages, view. Cotton Trade Jour. 18(2): 3. Jan. 8, 1938. 72.8 C8214
360. Roorbach, G. B., and Fowler, W. A. Problems in foreign trade. 512pp. New York, McGraw-Hill book co., inc., 1933. [Harvard problem books] 286 R67
Jute bag manufacturers' association; problems presented by proposals to increase the tariff rates on jute products, pp. 204-213 (Discusses competition of cotton and jute for cotton bagging).

361. Seek subsidy cash on cotton bagging used for covering. Cotton Trade Jour. 19(37): 1, 8. Sept. 16, 1939. 72.8 C8214
362. Smith, Alex. Cotton bagging. Amer. Cotton Grower 4(6): 2. Nov. 1938. 72.8 Am32
Letter from farmer advocating cotton bagging as a bale covering.
363. Spinners balking at cotton bagging, refusing premium. Shippers find difficulty in South Carolina, half spindles against. Cotton Trade Jour. 19(38): 1. Sept. 23, 1939. 72.8 C8214
364. Spinners like cotton bagging. Farmer-Stockman 51(19): 527 Oct. 1, 1938. 6 Ok45
365. Spinners show keen interest in cotton bagging. Beginning of what should develop into great new field for U. S. spindles supplying wrapping material. Cotton Trade Jour. 18(38): 1, 8. Sept. 3, 1938. 72.8 C8214
366. Standard weight needed for cotton bagging. Cotton Digest 11(50): 8. Sept. 16, 1939. 286.82 C822
Editorial.
367. Stone, L. T. Cotton bagging, net weight, the mode of sampling and better packed cotton bales for sale. Cotton and Cotton Oil Press 40(17): 5, 24, 26. June 24, 1939. 304.8 C822
Also in Cong. Rec. 84(146): 13569-13570. July 21, 1939.
368. Stone, L. T. Is it a new use or a new abuse for cotton? Cotton and Cotton Oil Press 39(37): 3-5. Sept. 10, 1938. 304.8 C822
The government program to use cotton bagging as bale covering is discussed.
369. Taylor, F. V. Cotton bagging too costly. Oil Miller and Cotton Ginner 45(6): 5. Feb. 1935. 307.8 O15
Also in Cotton Oil Press 18(12): 24. Apr. 1935.
Comment on the Fulmer "Net Weight Bill."
370. Taylor, F. V. Cotton vs. jute as bale covering. Cotton and Cotton Oil News 36(15): 9. Apr. 13, 1935. 304.8 C822
371. Test convinces Anderson cotton bagging is o.k. Ships cotton wrapped bales to France, Germany and back again. Cotton Trade Jour. 19(1): 1, 12. Jan. 7, 1939. 72.8 C8214
372. Texas. Commissioner of agriculture. Twenty-fourth annual report... November 1, 1932. 72pp. Austin, Texas, 1932. 2 T312 24th 1931/32.
Includes report on the use of cotton bagging for cotton bales.

373. [Texas cotton ginners' association] Net weight basis for cotton adopted in vote. Urge wrapping of cotton in cotton bagging, also. Cotton Ginners' Jour. 4(4): 9. Jan. 1933. 304.8 C884
Resolutions adopted by Executive committee at meeting in Dallas, Tex., Dec. 16-17, 1932.
374. [U. S. Dept. of agriculture.] Cotton bagging now available. Cotton Digest 11(32): 10. May 13, 1939. 286.82 C822
"An amendment to a program inaugurated in August 1938, to encourage the use of cotton" as a bale covering is announced.
375. [U. S. Dept. of agriculture. Agricultural marketing service] Tare standards for cotton are talked on radio. Cotton Trade Jour. 19(41): 3, 7. Oct. 14, 1939. 72.8 C8214
"Radio casts of the Agricultural Marketing Service, U. S. Department of Agriculture, over Memphis and New Orleans stations this week, dealt with 'Tare Standards for American Cotton.' ... No one bagging material was recommended over any other, not in so many words, but the desirability of low tare was stressed, indicating a preference for cotton-bagging, which is much lighter than competing jute, as well as more presentable."
376. [U. S. Dept. of agriculture. Div. of marketing and marketing agreements] 855,000 patterns of cotton bagging contracts are let. Bonus of 25 cents per pattern accorded manufacturers, to stimulate use. Cotton Trade Jour. 20(21): 3. May 25, 1940. 72.8 C8214
377. [U. S. Dept. of agriculture. Div. of marketing and marketing agreements] Four mills split last of 145,000 baling contracts. Authorizations bring number of patterns [of cotton bale covers] arranged for up to million. Cotton Trade Jour. 20(23): 5. June 8, 1940. 72.8 C8214
Also announced in Cotton Digest 12(36): 3. June 15, 1940.
378. [U. S. Dept. of agriculture. Div. of marketing and marketing agreements] New plan launched to spur cotton use. 25c payments for patterns of bagging to be made to participating makers. Jour. Com. [N.Y.] 184(14322): 5. May 3, 1940. 286.8 J82
An announcement of a program "to encourage manufacture and sale of bagging made from cotton for use in covering cotton bales."
Also in Co-op. Farmer 18(3): 5. May 1940.
379. What some of the people who will "foot the bill" say about Representative Fulmer's "cotton bagging" bills. Amer. Ginner and Cotton Oil Miller 14(6): 7-8. Feb. 1937. 72.8 Am35
380. Whitmore, C. L. Bagging. Amer. Cotton Grower 4(8): 2. Jan. 1939. 72.8 Am32
Letter to the editor regarding the use of cotton bagging for wrapping cotton bales.

381. Why cotton bagging? Cotton and Cotton Oil Press 38(4): 3-4. Jan. 23, 1937. 304.8 C822
The use of cotton bagging for wrapping cotton bales, and the sale of cotton on net weights are opposed.
382. [Williamson, N. C.] Net weight and cotton bagging. Cotton and Cotton Oil Press 38(11): 3-4. Mar. 13, 1937. 304.8 C822
Excerpts from hearings and other comments in favor of the Fulmer net-weight bill are included.
383. Woodhouse, Thomas. Jute bags, packs, pockets and sacks. Textile Rec. 50(601): 27-28. Apr. 15, 1933. 304.8 T311
Discusses cotton bagging also, in comparison with the jute product.
384. Woodhouse, Thomas, and Brand, Alexander. Jute bags, packs, pockets and sacks. 216pp. London, Macmillan and co., ltd., 1935. 304 W85J
Ch. VII, The manufacture of cotton bagging, pp. 104-123, describes the manufacture of jute fabrics for covering cotton bales and discusses the movement for replacing jute fabrics with cotton fabrics.
385. Wright, J. W. Baggings used for covering American cotton bales. A preliminary report. 22pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, Div. of cotton marketing, 1935. 1.9 Ec733Bg
386. Wright, J. W., and Cheatham, R. J. Comparative advantages of jute and cotton baggings for American cotton bales. A preliminary report. 24pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1933. 1.9 Ec733Com
- BALE TIES
387. Cotton bands for bales. Textile Rec. 57(684): 43. Mar. 1940. 304.8 T311
"In view of the difficulty of obtaining steel bands for the baling of cotton, experiments have been proceeding for some time with a view to the use of bands made of cotton. These experiments, having proved successful, the authorities have consented to this new method being employed, and it is expected that much of the cotton leaving Brazil this year will be secured with cotton bands."- Entire item.
388. Cotton ties. Okla. Cotton Grower 13(13): 2. Sept. 15, 1938. 72.8 Ok4
Editorial on the suggestion that cotton bale ties be used instead of steel.

389. See cotton rope taking place of steel bale ties. Odenheimer of Lane mills, pioneering again, says tests most gratifying. Cotton Trade Jour. 18(36): 1, 8. Aug. 20, 1938. 72.8 C8214

BEDDING

390. AAA to buy 50,000 bales to make mattresses for poor. Cotton Trade Jour. 18(40): 1. Sept. 17, 1938. 72.8 C8214
391. Brown [Harry L.] sees spot for U. S. surplus in mattresses. Under 2-price system part of 12-cent loan cotton would be sold cheap. Cotton Trade Jour. 18(49): 7. Nov. 19, 1938. 72.8 C8214
392. Charity begins at home. Cotton Ginners' Jour. 11(3): 9. Dec. 1939. 304.8 C824
Assistance given by ginners in the "Buy or Make a Cotton Mattress" campaign.
393. Claytor, Bernice. Mattress making on the farm. Tex. Agr. & Mech. Col. Ext. Serv. C-105, 8pp. College Station, Texas, 1935. 275.29 T312C
Specifications and directions for making cotton mattresses on the farm are given.
394. Collings, Mary Louise. Making cotton or moss mattresses on Louisiana farms. La. Agr. Col. Ext. Cir. 184, 11pp. University, 1939. 275.29 L93C
Instructions for making a mattress are given.
395. Consider canceling process tax on bedding. Government holds hearing at Memphis. Bedding Mfr. 30(6): 36, 38, 40, 42. July 1935. 309.8 B39
Report of a hearing held at Memphis, June 17, by the Agricultural Adjustment Administration to ascertain "whether the payment of the processing tax on cotton has prevented, is preventing, or will prevent, the use of cotton as a filling material for mattresses, pillows, pads, and cushions, within the provisions of Section 15(a) of the Act."
396. Cotton states making mattresses. Bedding Mfr. 38(4): 17-18. May 1940. 309.8 B39
Plans for making mattresses at home by low income southern farm families have been approved for twelve southern states under a project developed by the United States Department of Agriculture.
397. Crooks, R. W. Bibliography on household furnishings. 34pp. Baltimore, Md., George W. King print. co., 1934. 241.4 C88
Partial contents: Household textiles, pp. 22-26; Mattresses and pillows, pp. 26-27.

398. From boll to mattress. Farm and Ranch 53(5): 15. Mar. 1, 1934.
6 T31
Reports plantation project in St. Francis county, Ark., in which over 300 cotton mattresses have been made, "effecting a saving of more than \$3,000 to the farm homes of the county." The cost of a single mattress was estimated to be \$7.40.
399. The government's 9,000,000 bales of cotton. Bedding Mfr. 35(4): 44.
Nov. 1938. 309.8 B39
The suggestion that the government may use this supply for making mattresses is presented.
400. Hogan, Mena. Cotton has new uses. Amer. Cotton Grower 4(6): 12.
Nov. 1938. 72.8 Am32
The number of mattresses made under supervision of home demonstration agents in Arkansas is reported.
401. Home made mattresses. Bedding Mfr. 37(4): 33-36. Nov. 1939.
309.8 B39
The southern states which are encouraging use of surplus cotton in mattress-making are noted, and instructions distributed in Tuscaloosa County, Ala. are reprinted.
402. It's mattress making time again. Farmer-Stockman 49(23): 591.
Dec. 1, 1936. 6 Ok45
Last year 350 mattresses were made from home-grown cotton in one district in southwest Texas.
403. Louisiana. Agricultural extension service. Annual report agricultural extension work in Louisiana for the year 1938. 32pp. [Baton Rouge, 1939]
Partial contents: Ginners and farmers increase value of cotton staple, p. 12; Surplus cotton made into mattresses in Louisiana, p. 26.
404. Low grades can't be bought. Cotton Digest 12(9): 3. Dec. 2, 1939.
286.82 C822
"No low grades for sale was the answer to the Federal Surplus Commodities Corporation's effort to buy 75,000 bales of low grade cotton to be used as filler in the manufacture of cotton mattresses and quilts for distribution for drouth and flood stricken areas."
405. Low-income families use surplus cotton. U. S. Ext. Serv. Ext. Serv. Rev. 11(4): 52. Apr. 1940. 1 Ex892Ex
Use of cotton in mattresses is reported.
406. [National association of bedding manufacturers.] Mattress use for surplus cotton urged by J. W. Tapp. Would help solve problem, Federal surplus commodities corp. head tells Bedding mfrs.' assn.- A. S. Rosenthal named president. Daily News Rec. [N.Y.] no. 283, pp. 1, 8. Dec. 3, 1938. 286.8 N48

407. Nevin, H. W. The candlewick bedspread industry of North Georgia. Cotton [Atlanta] 100(1): 43. Jan. 1936. 304.8 C823
The "\$2,000,000 fireside industry, centered in and around Dalton, Ga., employing 7,500 to 10,000 home workers in the manufacture of hand-made candlewick tufted bedspreads" is discussed in relation to "consumption of cotton cloth and thread produced by southern textile mills."
408. "New cotton uses!" Cotton Trade Jour. 18(43): 2. Oct. 8, 1938. 72.8 C8214
Editorial on the proposal to make mattresses of cotton.
409. Perkins, Milo. Can we use our cotton at home? 26pp., processed. Washington, U. S. Dept. of agriculture, 1940. 1.954 P41 [no. 4]
Extracts in Cotton Trade Jour. 20(26): 2. June 26, 1940; Daily News Rec. [N.Y.] no. 153, pp. 1, 7. June 29, 1940; Calif. Cultivator 87(16): 433, 445. Aug. 10, 1940.
"An address... at Los Angeles, Cal., before a meeting of farmers, consumers, merchants, garment manufacturers and workers in the textile trade, arranged by the California Farm Bureau Federation... June 28, 1940."
Includes a discussion of the cotton stamp plan and use of cotton in mattresses.
410. Pickens, Nell. Mattress making. Ala. Polytech. Inst. Ext. Cir. 147, 7pp., Auburn, 1934.
The method of making a cotton mattress is described.
411. Pickering, J. W. Cotton waste utilization. The production of yarns for cotton blankets. Textile Weekly 12(312): 689. Feb. 23, 1934. 304.3 T3127
In a lecture to the Rochdale Textile Society (England) February 14, 1934.
412. Provide cotton mattresses for poorer families. Fifty pounds of lint and ten yards of ticking for each mattress. Cotton Trade Jour. 20(8): 8. Feb. 24, 1940. 72.8 C8214
Also in Cotton Digest 12(21): 3. Feb. 24, 1940; Co-op. Farmer 18(8): 2. May 1940.
The program of the U. S. Department of Agriculture is explained.
413. Rogers, Ruth Elmquist, Hays, Margaret B., and Wigington, John T. Manufacturing and serviceability tests on sheetings made from two selected mill types of cotton. U. S. Dept. Agr. Tech. Bul. 645, 31pp. Washington, D. C., 1939. 1. Ag84Fc
Literature cited, pp. 30-31.
"This is a cooperative project of the Bureaus of Agricultural Economics and Home Economics. The Bureau of Agricultural Economics supervised the manufacture of the cottons into sheets and studied the manufacturing and yarn properties of the cottons. The Bureau of Home Economics made service as well as laboratory tests on the fabrics."

414. Schoffelmayer, Victor. Make cotton mattresses - and Texas does it. Amer. Cotton Grower 5(9): 12-13. Feb. 1940. 72.8 Am32.
The Texas campaign to increase the consumption of cotton is described.
415. Schwab, R. W. What happened to relief mattresses. Bedding Mfr. 30(2): 50-52. Mar. 1935. 309.8 B39
A speech before the Bedding Convention in January 1935. The use of cotton and ticking for relief purposes is discussed. Figures are given showing how many bales of cotton and yards of ticking have been allocated for mattresses, comforters, and other purposes. It was planned to use much of the ticking held by the government for work clothes.
416. Tapp, Jesse W. Summary of an address delivered ... before a meeting of the National association of bedding manufacturers held December 2, 1938, at 603 S. Dearborn Street, Chicago, Illinois. 6pp., processed. Washington, U. S. Dept. of agriculture, Agricultural adjustment administration, 1938. 1.9 Su7
Proposals for the disposal of the cotton surplus and the solving of producers' problems are noted.
"The mattress industry offers one use of cotton which could serve to an extent in solving the problems the cotton industry now faces."
Also in Bedding Mfr. 35(6): 41-42, 44. January 1939.
417. [Texas. Agricultural and mechanical college. Extension service] Service ponders cotton mattress drive. Cotton Digest 11(52): 4. Sept. 30, 1939. 286.82 C822
418. U. S. Dept. of agriculture. Bur. of home economics. Instructions for making a cotton mattress. 4pp., Washington, D. C., 1934. 1.9 H7541Inm
419. U. S. Dept. of agriculture. Extension service. Div. of cooperative extension. Beds and bedding. A selected list of references. U. S. Dept. Agr. Ext. Serv. Div. Coop. Ext. Misc. Ext. Pub. 18, 4pp., processed. Washington, D. C., 1935. 1.9 Ex892M.
420. U. S. Dept. of agriculture. Extension service. Division of field coordination. Surveys and reports section. Cotton utilization in the farm home. Excerpts from 1938 annual reports of state and county extension agents. 15pp., processed. Washington [1939] 1.915 S2082
Mattress making is noted particularly.
421. Viemont, Bess M., Hays, Margaret B., and O'Brien, Ruth. Guides for buying sheets, blankets and bath towels. U. S. Dept. Agr. Farmers' Bul. 1765. 27pp. Washington, D. C. 1936. 1 Ag84F
"The sections on sheets and blankets are a revision of, and supersede, Leaflet 103, Quality Guides in Buying Sheets and Pillowcases, and Leaflet 111, Quality Guides in Buying Household Blankets."

422. Wolfe, R. L. Homemade cotton mattresses. Ark. Agr. Col. Ext. Cir. 322, 8pp. Little Rock, 1933. 275.29 Ar4

BELTING

423. Some "belt line"! Farm Mach. and Equip. Dec. 1939, p. 22. 58.8 F225
"One thousand bales of long staple cotton (500,000 pounds) are being woven into a special fabric in Callaway cotton mill, Lagrange, Ga., to provide the backbone for a 9.6-mile conveyor belt system, longest ever constructed, to convey aggregates for Shasta dam of the Great Central Valley of California federal flood control project."
424. Use 1,000 bales in construction of biggest conveyor belt system. Goodyear begins shipment of 20 miles of belting to Shasta dam site. Cotton Trade Jour. 19(51): 3. Dec. 23, 1939. 72.8 C8214
425. World's largest belt in action. Textile Bul. 55(7): 16B. Dec. 1, 1938. 304.8 S082
The quantity of cotton used in making this conveyor belt is noted.

BOOK CLOTHS

426. Hemming, Doris. Bookcloths. The development of an interesting section of the textile industry. Textile Rec. 55(656): 31-32. Nov. 6, 1937. 304.8 T311
"Experience has proved that cotton and linen are by far the most suitable fabrics for the mechanical processes required to turn out books by the million."
427. Kantrowitz, M. S., Blaylock, F. R., and Groome, G. G. Starch-filled book cloth. U. S. Govt. Print. Off. Tech. Bul. 21, 27pp. Washington, D. C., 1934. 162 St2
Tests and specifications for preparing starch-filled cotton book cloth are described.

BOOTS AND SHOES

428. Coming back. Fibre and Fabric 90(2711): 10. Jan. 16, 1937. 304.8 F44
The Cotton-Textile Institute reports increased use of cotton-flannel shoe shine mitts in hotels.
429. Edwards, R. S. Mechanical testing of the suitability of fabrics for shoe linings. Textile Inst. Jour. (Silver Jubilee Conf. No.) 26(7): T211-T225. July 1935. 73.9 T31
References, p. T225.
The study is limited to cotton fabrics.

430. Shoes consume big quantity of cotton. Dallas Chamber of Commerce. Southwest Business 18(1): 18, 29. Jan. 1939.
431. [Wilkinson, W.] Fabrics for the boot and shoe industry. Textile Inst. Jour. 24(12): P293-P299. Dec. 1933. 73.9 T31
Lecture at meeting of the Lancashire Section, Textile Institute, at Manchester, November 15, 1933.
The construction of fabrics for uppers, linings, and special uses, is described.

CANAL AND DITCH LININGS

432. Canal lined with cotton fabric. Engin. News-Rec. 122(25): 852-853. June 22, 1939. 290.8 En34
"Utilizing cotton fabric as a reinforcing agent for a gravel-asphalt mat, an experimental mile of leaking irrigation canal in Idaho was lined successfully. This article gives experiences gained in the construction procedure which is new."
433. Cheap cotton fabric lines irrigation ditch. Wash. Farmer 63(23): 575. Nov. 10, 1938. 6 R151
An experiment in Kittitas County, Washington, is noted.
434. Lining irrigation canals and ditches with cotton. You'd be surprised at other new uses for fabric of low-grade lint. Ariz. Prod. 16 (13): 8. Sept. 15, 1937. 6 Ar44
"The cotton fabric serves as a base on which asphalt is sprayed. Cost is only a fraction of concrete lining".
435. Placing a bituminous-cotton lining for canal bottom. Pub. Works 69(10): 30. Oct. 1938. 290.8 M922
"Asphalt and cotton were used to line a section of the Northern Extension Canal near Grace, Ida." Methods are described.

CELLULOSE AND PLASTICS

436. Calcott, W. S. Cotton, and the dye chemist. A résumé of some remarkable developments directly or indirectly concerned with the staple product of the sunny southland. Dupont Mag. 27(1-2): 1-5, 24. Feb. 1933. 309.8 D92
Also in Fibre and Fabric 86(2507): 6-10. Feb. 18, 1933.
Adaptation of manuscript of lecture presented to pupils in a technical high school in Charlotte, N. C.
"The chemist works with cotton in two ways: first, he treats it for use as a textile fiber and manufactures dyes for the purpose; second, he uses it as a raw material to produce other substances, such as... lacquer, rayon, and the like."

437. Chemistry and the South. The Du Pont company salutes the South. Du Pont Mag. 29(6): 10-16. June 1935. 309.8 D92
Uses for cotton and cotton cellulose developed by chemistry are described.
438. Covell, Bradford S. An historical survey of coatings. Plastic Products 9(2): 56-58. Apr. 1933. 309.8 P69
"Nitrocellulose lacquers made their appearance" about 1860. "These first lacquers, made of high viscosity cotton, were thick crude mixtures, used for the most part as clear coatings."
439. Fountain pens are made from cotton. Exhibit at Mid-South fair showed actual step-by-step process in manufacturing. Mid-So. Cotton News 16(3): 3. Sept. 1938. 72.8 C8295
440. Gibbons, J. T. Pyroxylin coatings. Preparation of nitro-cellulose solutions for application to cotton and rayon fabrics. Textile World 84(12): 2222. Nov. 1934. 304.8 T315
"Pyroxylin is a solution of nitrocellulose in an organic solvent. Nitrocellulose when dry, looks exactly like the cotton linters from which it is made... This solution is called by several names, such as pyroxylin, dope, lacquer, nitrocellulose solution, etc., all of which refer to the one material."
441. Hahn, F. C. Industrial chemistry makes many uses of cellulose as a raw material in a wide range of manufactures. Du Pont de Nemours, E. I. & Co. Agr. News 4(8): 93-97. Aug. 1936. 6 D92
Extracts in Trop. Agr. 13(10): 255. Oct. 1936.
442. Meharg, Virgil E. Fillers - Cotton flock and woodflour. Mod. Plastics 17(2): 53-54. Oct. 1939. 309.8 P69
The author compares the use of cotton flock with the use of woodflour as fillers "in the preparation of thermosetting plastic molding materials."
443. New use for cotton - in golf. Internatl. Cotton Bul. 17(65): 122. Oct. 1938. 72.8 In8
"A patent for synthetic shafts for golf clubs" is reported.
444. New use for India's short staple cotton. Indian Textile Jour. 48 (572): 278. May 15, 1938. 304.8 In2
An editorial regarding the sanction of a sum of Rs. 30,000 by the Indian Central Cotton Committee for exploring the commercial possibilities of producing from Indian short staple cotton "chemical cotton" for use in the manufacture of artificial silk products.
445. Short staple cotton as cellulose base. Textile Age 1(8): 18. Nov. 1937. 304.8 T3132

"If cotton pulps are cleaned and cotton lint were obtainable at the price of a good wood pulp, the demand would gradually but surely turn to cotton. This seems to mean that a large and assured supply of cotton must be available for 5 to 5-1/2 cents a pound."

446. Stark, C. Cotton or tissue paper for nitration? Brit. Plastics 4(41): 196-197. Oct. 1932. 309.8 B76.
"Former advantages obtained by the use of cotton paper for nitration materials as against loose cotton have now been eliminated, owing to improved preliminary treatment of cotton and the simplification of the nitration process. The consequent advantages obtained by the application of cotton, such as economy in dressing, acid and price, obviously invite the adoption of cotton for nitration. A German firm is mentioned as suppliers of distinct grades of scoured and bleached cotton for celluloid, rayons, lacquers, and films." - Textile Inst. Jour. 24(1): All. Jan. 1933.
447. Stuart, B. T. Things are not what they seem. Vogue 81(7): 44, 86. Apr. 1, 1933.
Describes new products made from chemically-treated cotton. Among these are pyralin objects, duco, galalith (made of compressed milk and cotton), and fabrikoid.
448. Wearmouth, W. G. Celluloid: its manufacture and uses. Inst. Plastics Indus. Trans. 8(15): 69-75. Jan. 1939. 309.9 In72
449. When lacquer and fabric meet. Sci. Amer. 148(4): 228-229. Apr. 1933. 470 Sci25
The manufacture of fabrikoid is described. Woven cotton is used as fabric base.
450. Why cotton is still king. Pop. Mechanics 60(1): 66-68, 122A, 124A. July 1933. 291.8 P81
Mentions uses of chemically-treated cotton. Among these are cellophane, nitrocellulose, industrial alcohol, synthetic manure, a new refrigerant, and automobile lacquer. The chemical processes used in making these products are described. Reference is made to statements of Dr. W. S. Calcott.

CORDAGE, ROPE AND TWINE

451. Added twine cost, if cotton is used, found quite trivial. Cotton Trade Jour. 17(25): 4. June 19, 1937. 72.8 C8214
Sisal, sisal lath yarn, jute, and cotton twine are compared as to feet per pound, breaking strength, and cost per pound.
452. Cheatham, R. J. Post Office wants cotton twine, spinners too busy to produce it. Regional research cotton chief tells of development to eliminate stretch. Cotton Trade Jour. 19(43): 1, 8. Oct. 28, 1939. 72.8 C8214

The "development of a non-stretch cotton twine for use in place of jute in the United States Postal Service, and for other purposes", is described.

453. Cotton twine being developed. Cotton Digest 11(22): 14-15. Mar. 4, 1939. 286.82 C822
454. Leahy, H. W. Cotton guard rope in swimming pools as source of colon-aerogenes group. Amer. Water Works Assoc. Jour. 24(7): 1062-1065. July 1932. 292.9 Am32J
References; p. 1065.
"Guard ropes made of organic material are unsuitable for use in swimming pools. They provide crevices containing organic material in which bacteria of the colon-aerogenes group, protected against the killing action of chlorine, can multiply."
455. Mill develops cotton twine to tie samples. New cord said to be superior to jute or sisal and cheaper. Cotton Trade Jour. 19(11): 3. Mar. 18, 1939. 72.8 C8214
456. Mill men want tax on paper continued. Textile Bul. 45(22): 3-4, 18. Feb. 1, 1934. 304.8 So82
Includes statement of A. L. Bulwinkle concerning competition between cotton twine and gummed paper tape and extracts from statements of G. A. Sloan made at a hearing in Washington, D. C.
457. Textiles as power accessories. Rope, twine, tape, insulation. Textile Mfr. 64(768): 534-536, 544. Dec. 1938. 304.8 T3126
Illustrations show twine and rope production.
458. U. S. Federal trade commission. Textile report. Part V. Thread and cordage industry. 4pp., processed. Washington, D. C. [1935] 173 F32Te Pt.5
Section 3. Cordage and Twine Manufacturing Companies.
"A number of the companies... reported that their principal manufacturing operation was the production of cordage and twine in which cotton is the principal raw material. The reports of seven such companies... supply the data discussed in this section."

FABRICS

459. All-cotton tweeds. Manufacture of the modern types. Textile Weekly 15(375): 507-508. May 10, 1935. 304.8 T3127
Uses of these tweeds and reversible tweeds are mentioned.
460. Barr, D. M. Fashion is picking cotton. Carolinas Mag. 1(4): 25-26. Mar. 1933. 110 C22
Cotton as used by fashion stylists.

461. Bellwood, Leonard. Cotton in the wool textile industry. A discourse on the many and varied uses of cotton in the production of woollen and worsted fabrics. Textile Recr. 56(665): 23-24. Aug. 6, 1938. 304.8 T311
462. Britt, Martha. How shall we select our materials? Jour. Agr. and Hort. [Quebec] 38(2): 20. Aug. 11, 1934. 7 J82J
Cottons for clothing and household use are described.
463. Brooks, Jack. New use for cotton. South. Agr. 58(6): 13. June 1933. 6 So83
The "newer method of chemically treating cotton cloth to make it appear like silk is going to be of immense value, not only to the spinners, but to the producers of cotton."
464. Busby, H. S. Bulk uses of cotton. Cotton Trade Jour. 12(44): 2. Nov. 5, 1932. 72.8 C8214
"The question arises as to whether any proper survey has been made dealing with what proportion of spindles are now working on these different classes of goods [heavy cotton fabrics, dress goods, etc.] because any mill consumption and farming program which may be developed must take account of the greater bulk of cotton used by those mills making the coarser numbers."
465. Busby, H. S. Opportunities in ornament and texture. Cotton Trade Jour. 13(14): 2. Apr. 8, 1933. 72.8 C8214
Possibilities in design on rough-textured cottons.
466. Carmichael, W. L. Cotton summer suitings. Popularity spreading from southern stronghold. Textile World 85(2): 243. Feb. 14, 1935. 304.8 T315
Construction of the materials is described.
467. Cellophane-faced fabrics open new markets to textiles. Textile World 83(6): 927. May 1933. 304.8 T315
"The Doplex fabrics... are textiles with Cellophane facing, the Cellophane being laminated to the fabric by means of a special process. While the method is applicable to all fibers, it is most practicable when used on cottons or rayons, as it lifts these to a higher-price market... The two major markets for the Doplex fabrics are: first household uses, including garment, hat or shoe bags [etc.]; second, window display and stage decoration, including costumes, back drops, stage hangings... New outlets for the fabrics are developing constantly; its possibilities for packaging are considered quite important."
468. Cheatham, R. J., and Whitaker, Rodney. Cotton utilized in combed marquisettes. 11pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, 1937. 1.9 Ec733Cuc

469. Cleveland, Catherine E. Cottons for [home] decoration. Prog. Farmer (Ga.-Ala. Ed.) 49(3): 33. Mar. 1934. 6 P945G
470. Cotlin, Ray. Attractive new dress fabrics. Manufacturers' enterprise in cottons. Textile Weekly 15(374): 483-484. May 3. 1935. 304.8 T3127
Description of the fabrics and their uses.
471. Cotton and hot weather. Fibre and Fabric. 85(2488): 11-14. Oct. 8, 1932. 304.8 F44
Report of statement of George A. Sloan "following a nationwide survey of the summer clothing business" by the New Uses Section of the Cotton-Textile Institute. "Growing acceptance of cool, washable apparel for men" was reported.
472. Cotton and its products. "Smart yarns and fabrics for every decorative need." Textile Weekly 12(312): 692-693. Feb. 23, 1934. 304.8 T3127
Includes discussion and illustration of the relation of cottons to "period" interiors.
473. A cotton duck industry problem. Atlanta penitentiary's increased production of wide duck cause of serious situation for manufacturers - Association president outlines facts and urges diversification and reduction. Amer. Wool and Cotton Rptr. 46(41): 9-10. Oct. 13, 1932. 304.8 W88
"Outlined in recent statements before the Shannon Committee in Washington, by representatives of the Cotton Duck Association and Association of Cotton Textile Merchants." Includes statement of Robert P. Hooper.
474. Cotton: maid-of-all-work. Amer. Consumer 7(2): 24-28. Feb. 1939. 280.8 C762
Uses of cotton cloth are considered.
475. Cotton-mixed boys' suiting. Amer. Wool and Cotton Rptr. 46(43): 33. Oct. 27, 1932. 304.8 W88
Manufacturing details. Notes that "the cotton in the stock will enable the manufacturer to make a fine yarn, and will also add to the wearing qualities of the cloth."
476. Cotton scores in dress fabric war. Promotion drive in fashion field elevates the South's big crop into something for \$200 evening gowns, and brings new worries to the rayon and silk people. Business Week, no. 561, pp. 27-28. June 1, 1940. 280.8 Sy8
477. Cotton-textile institute, inc. Cotton from raw material to finished product. Ed. 1. 55, A-Tpp., processed. New York 1939. 304 C82c
A selected bibliography of cotton manufacturing, pp. 53-54; Typical constructions of standard cotton fabrics, pp. 55, A-H; Supplementary information about the uses of standard cotton fabrics, pp. I-T.

478. [Cotton-textile institute, inc.] Extending the realm of king cotton. Com. and Finance 23(19): 408, 410. May 9, 1934. 286.6 C737
Uses for cotton fabrics, including new uses for some weaves, are described.
479. Darby, W. D. Cotton, the universal fiber. 68pp. New York, Dry goods economist, 1924. 304 D24C
Dictionary of cotton goods, pp. 52-68. Uses of the fabrics defined are mentioned.
480. Denny, Grace G. Fabrics. Definitions of fabrics, practical textile tests, classification of fabrics. Ed. 4, rev. and reset. 178pp. Chicago, Philadelphia, J. B. Lippincott co., 1936. 304 D42
Books of reference on textile fabrics, pp. 177-178.
Part I. Fabric Definitions and Terms Relating to Fabrics, pp. 3-142. Uses are mentioned for some of the cotton fabrics.
481. Diagnosis of manufacturing conditions. Amer. Wool & Cotton Rptr. 52(45): 1, 37-38. Nov. 10, 1938. 304.8 W88
Editorial urging development of new uses for cotton fabrics.
482. Elsaesser, Walter. Cotton cloth can be wool-finished. By a special process at the Bellman-Brook bleachery, cotton fabrics are made wool-like in appearance, feel and wear. Dupont Mag. 26 (10/11): 10-11. Fall 1932. 309.8 D92
Also in Melliand Textile Monthly 4(10): 613-614. Jan. 1933.
483. Evans, Mary, and McGowan, Ellen Beers. A guide to textiles. 233pp. New York, Wiley & sons, inc., 1939. 304 Ev1
Bibliography, pp. 228-229.
"Following the dictionary-like arrangement throughout, the authors of 'A guide to textiles' succinctly and swiftly set down nearly everything anyone outside the technical sphere needs to know about fabrics, their sources and their uses." - Daily News Rec. [N.Y.] no. 257, p. 6. Nov. 2, 1939.
484. Exchange members wear cotton. Cotton Digest 12(32): 10. May 11, 1940. 286.82 C822
"Cotton exchange members of Dallas, Houston, New Orleans and Memphis set an example for the South this week in demonstrating the superiority of cotton clothes for summer men's wear."
485. Fiber-bond finish. New process increases durability of textiles. Textile World 85(8): 1457. July 1935. 304.8 T315
Also in Textile Mfr. 61(729): 379. Sept. 1935.
Results of experiments on fabrics treated by the new process, some of its advantages, and possible uses of fabrics with the fiber-bond finish are mentioned.
486. Growing use of uniforms aids cotton consumption. Textile Bul. 53(21): 16-17, 24. Jan. 20, 1938. 304.8 So82

487. Hall, A. J. The modern cotton shirting fabric. An account of its processing methods. Amer. Dyestuff Rptr. 24(10): 265-268, 298-300. May 20, 1935. 306.8 Am3
The bleaching, mercerizing, and finishing processes are explained and described, and the construction of fabric and type of cotton used is mentioned.
488. Haven, George B. Industrial fabrics; a handbook for engineers, purchasing agents and salesmen. 741pp. Ed. 2. New York. Wellington Sears company, 1938. 304 H29In
Bibliography; pp. 651-680.
"The scope of this treatise is limited to cotton fiber and its manufactured form."
Ch. IV, Uses of industrial fabrics, pp. 138-193; Table XXXI, Uses and fabrics, pp. 177-193. (This table is a glossary of uses of cotton fabrics reprinted from a publication by the United States Department of Commerce); Ch. VIII, Specifications and test methods, pp. 425-680.
489. Heated textiles. Fabrics have been used to hold heat - Now they radiate it. Textile Rec. 52(620): 29. Nov. 15, 1934. 304.8 T311
Lists uses for recently patented "threads or yarns composed partially of wire and partially of textile fibres, but which are endowed with characteristics of appearance, softness, flexibility, give, and resistance to kinking and snarling fairly comparable to like threads or yarns composed entirely of textile fibres."
490. Horn, Norman E. Cotton mills widen supplies of fabric for industrial use. Textile engineers forced to study developments in heavy goods field. Jour. Com. [N.Y.] 183(14142): 15A. Jan. 29, 1940. 286.8 J82
491. Hoyer, John. Staple cotton fabrics. Textile World 86(1): 89-91. Jan. 1936. 304.8 T315
The first instalment of a series of articles on constructions, finishes and uses of staple cotton fabrics. The fifty-fourth instalment appears in the issue for July 1940.
492. Hutin, H. Manufacture of suède fabrics. Textile Inst. Jour. 24(1): A48. Jan. 1933. 73.9 T31
Abstract of article in Fils et Tissus 20: 338-340. 1932.
"Imitation suède is produced by coating fabrics with a rubber solution or a solution with an oxidized linseed oil base, spreading powdered cotton or wool over the coating, and removing the solvent by drying. The cotton powder consists of cut fibres not exceeding 3 mm. in length. Cellulose ester, gelatin, and other types of coatings have been tried but found to be unsatisfactory... The method of dyeing the cut fibres is outlined."
493. [Joint committee of cotton trade organizations. Economic service.] Some industrial uses for cotton fabrics. Important outlets analysed. Textile Weekly 20(498): 355. Sept. 17, 1937. 304.8 T3127
Abstract of analysis of published reports of the Census of Production and Import Duties Act Inquiries.

494. "Manufacturer." Spinners helping to strengthen the vogue for cotton dress materials. "Twistless" and super-doubled yarns. Textile Mercury and Argus 89(2314): 55. July 21, 1933. 304.8 T318
495. Martin, D. The manufacture and uses of pulverized fibres. Big outlet in suedette trade: produced from waste rags and from hanks: always dyed in the powder form: difficulties in handling: the plant used. Dyer 78(7): 321-323. Sept. 24, 1937. 306.8 D98
"Cotton powder is probably more in demand than any other... It is used on a very large scale for the production of imitation suede leather."
496. Martin, H. D. Some of the big problems of the textile trade. Textile Colorist 55(654): 410-411. June, 1933. 306.8 T31
The value of various fabrics which may be made from one bale of cotton is compared.
497. Mason, Arthur. Expanding fabrics. Textile Rec. 51(610): 32. Jan. 1934. 304.8 T311
The author and his co-worker have developed a process cloth which becomes extensible, one way, or two ways, as desired.
498. Mechanical shrinkage of textiles. "Rigmel" has come to stay. Textile Weekly 14(349): 289-290. Nov. 9, 1934. 304.8 T3127
The use of completely shrunk fabric in garment manufacture is discussed.
499. [Meredith, R. S.] Fabrics for industrial purposes. Textile Inst. Jour. 25(1): P2-P4. Jan. 1934. 73.9 T31
For correction of two errors see Textile Inst. Jour. 25(2): P16. Feb. 1934.
Report of lecture at meeting of the Textile Institute, November 20, 1933.
The lecturer urged cooperation between the manufacturer and the ultimate user of the textiles. As illustration he discussed the production of canvas for tent-making.
500. Morrison, Bess Viemont, and Hays, Margaret B. Proposed minimum requirements of 3 types of upholstery fabrics based on the analysis of 62 materials. U. S. Dept. Agr. Cir. 483, 28pp. Washington, D. C., 1938. 1 Ag 84C
The fabrics analyzed included "those in the low- and medium-priced ranges (from 69 cents to \$4.90 a yard), in a variety of weaves and colors. For the most part, they are all-cotton fabrics, though some are cotton and rayon, and a few cotton and mohair."
501. New fabric by Erlanger. Textile Bul. 44(13): 13. May 25, 1933. 304.8 So82
Erlanger Mills have produced a new material described as a "fusing" of liquefied or gelatinized flax and cotton into a single, spinnable substance.
It is distributed under the trade name of "Lin-N-Craft".

502. New process makes cotton fabrics permanently fireproof. Cotton 97 (3): 42. Mar. 1933. 304.8 C823
Advantages of process offered by Fireproof Fabric Sales Corporation.
503. New type yarn. Fibre and Fabric 86(2514): 13-14. Apr. 8, 1933. 304.8 F44
Description of Rayallen, an untwisted yarn invented by W. R. Allen, of Radcliffe, England.
Cotton fibers are drawn out parallel to one another and coated with a rubber-like film to keep them from slipping past one another and after the fabric is woven a treatment is used to remove this rubber-like coating leaving the cotton fabric strong but lustrous like silk.
504. Nichols, Henry W., and Broomhead, William H. Standard cotton cloths and their construction. 16Opp. Fall River, Mass., Dover press, 1927. 304 N51S
Samples of 64 constructions are included.
505. Nutty business. California walnut growers assn. builds new storage using damp muslin as cooling agent. Power Plant Engin. 40(11): 646-647. Nov. 1936. 290.8 P88
506. Permanent fireproofing. Fibre and Fabric 86(2508): 14. Feb. 25, 1933. 304.8 F44
Lists uses for fireproofed fabrics treated with new process which is "applicable to all kinds of cotton fabrics." The process is not described.
507. Perryman, Margaret. Middle income group is slighted by cotton dress-makers, is claim. Atlanta woman asserts present offerings are shoddy or "exclusive." Cotton Trade Jour. 20(15): 1, 7. Apr. 13, 1940. 72.8 C8214
508. Pickard, R. H. The industrial uses of textiles. Soc. Chem. Indus. Jour. 52(28): 199T-201T. July 14, 1933. 382 M31
Abstract in Textile Mfr. 59(704): 301-302. Aug. 1933.
Presidential Address at the annual meeting to the Society of Chemical Industry J. S. C. I. 52, July 28, 1933.
"The bulk of fabrics are designed rather to attract the user than for properties of utility, but in textiles for domestic or industrial uses the assistance that science can give is much greater. There is a wide field for investigation in applying the quantitative data, now accumulating, to produce fabrics for specified purposes. The present organisation of textile research, however, is unsuitable for undertaking such work."
509. Review of successful developments in rayon and cotton style fabrics. Careful selection of weaves suitable for women's apparel and avoidance of making cheap substitutes declared to be basis of rapid expansion. Rayon and Synthetic Yarn Jour. 14(10): 18-19. Oct. 1933. 304.8 R21

510. Rice, George. Bleaching, dyeing and waterproofing cotton duck. The fabric must be amenable to a protecting paint. Textile Colorist 55(651): 169-170. Mar. 1933. 306.8 T31
"Duck cloth used to be woven mostly from linen yarns, but at present the stock is cotton, and this should be strong in staple even if it is not fine."
511. Rice, George. Dyeing cotton velvet window drapery. Textile Colorist 57(673): 30-31, Jan. 1935. 306.8 T31
The use of velveteens, fustians and corduroys, usually made of white Sea Island or Egyptian grade cotton, is reported to be increasing, due to the modernization program of the Federal Housing Administration. The dyeing process for these fabrics is described.
512. Russell, P. F., and Nono, A. M. A mosquito net for use in the Philippine Islands. Experimental studies and canvass of materials. Philippine Jour. Sci. 53(2): 107-140, illus. Feb. 1934. 475 P53
References, pp. 136-137.
"This paper reviews the subject of mosquito nets, describes local sinamay netting made from abaca fiber, describes some experiments with various nettings as regards mosquito passage, wind passage, and comfort... As regards wind passage and comfort, wire screening is better than sinamay and sinamay is better than cotton netting."
513. Schiefer, H. F., Cleveland, R. S., Porter, J. W., and Miller, Joshua. Effect of weave on the properties of cloth. U. S. Dept. Com. Bur. Standards, Jour. Res. 11(4): 441-451. Oct. 1933. 157.88 J82
Research Paper RP600.
Abstract in Textile Bul. 45(19): 6. Jan. 11, 1934.
"The effect of the weave on the strength, elongation, take-up, tear resistance, fabric assistance, and air permeability of cloth is discussed in this paper. For this purpose a series of 42 cloths were woven from the same cotton yarns in weaves comprising plain, twill, rib, mock leno, basket, sateen, and various combinations of these weaves. The factors which contribute to strength and tear resistance are enumerated and discussed.
"Four cloths having high tear resistance were woven for experiments on rubberizing and on doping. The results of these experiments are given and compared with the properties of the gas cell cloth and outer cover cloth which are used in dirigible construction." - Abstract.
514. Shiller, Ivan. Use cotton fabrics for interior decoration of homes, urges Texan. Cotton Trade Jour. 20(6): 1, 7. Feb. 10, 1940. 72.8 C8214
515. Sigman, Carl T., and Ward, William J., jr.. Textiles. Part II - Fabrics. Amer. Architect 147(2639): 64-74. Nov. 1935. 296.8 Am32
The sixth article in a series on "Materials in Design."
"Definitions of fabric terms", p. 68.
Fabrics of cotton and other fibers, and their uses, are described.

516. Silhouette-achieving garments. Elasticity of texture is important. Textile Weekly 12(289): 66-67. Sept. 15, 1933. 304.8 T3127
"There are specially designed reducing garments in which the woollen fabrics constitute the basis structure, but this article refers chiefly to cotton, because of its ability to take up the moisture of the body and evaporate it."
Recommends the use of Sea Island or Egyptian cotton and describes the construction of the fabrics.
517. Smith, Margaret. Cotton shirts for men and boys. U. S. Dept. Agr. Farmers' Bul. 1837, 14pp. Washington, 1939. 1 Ag 84F
518. A step in the right direction. Internatl. Cotton Bul. 17(65): 55. Oct. 1938. 72.8 In8
A photograph "shows cotton pickers on the Egyptian Royal Agricultural Society's Estate at Bahtim clothed in white cotton clothing."
519. Synthetic yarn handkerchiefs. An opportunity in distribution - Comparison with ordinary linen and high quality cotton materials - tensile strength and other characteristics - synthetic fabric advantages. Amer. Wool & Cotton Rptr. 50(3): [7]-8, 13, 15. Jan. 16, 1936. 304.8 W88
520. [Thomas, Elmer] Truth in fabrics. Cong. Rec. 84(152): 14372-14383. July 28, 1939. 148.2 R24
Debate on the "truth-in-fabrics" bill in which the quantities of cotton used in wool manufacture are noted.
521. Tranter, K. V. The wearer's point of view. Garments of Egyptian cotton. Manchester Guardian Com. (Egypt no.) 31. Mar. 25, 1933. 286.8 M3150
Advantages of cotton as material for women's clothing; durability, permeability to ultra-violet rays, delicate texture, are mentioned.
522. U. S. Dept. of agriculture. Bur. of agricultural economics. Report of the chief... 1933. 36pp. Washington, D. C., 1938. 1 Ec7A
Includes report on new fabrics, pp. 23-24.
523. U. S. Dept. of agriculture. Bur. of chemistry and soils. Report of the chief... 1935. 44pp. Washington, D. C. [1935] 1 C42
Farm fabrics, pp. 21-22.
524. U. S. Dept. of commerce. Bur. of foreign and domestic commerce. Textile div. Speaking of vacations! 22pp., processed. Washington, D. C. [1930?] 157.55 Sp3
Numerous articles made from cotton and used for vacations are listed. Suggestions are made for the type of cotton fabric most suited to the particular use.

525. U. S. Tariff commission. Cotton cloth. Report to the President on the differences in costs of production of cotton cloth in the United States and in the principal competing country as ascertained pursuant to the provisions of sections 336 of title III of the Tariff act of 1930. With appendixes. Proclamation by the president. U. S. Tariff comm. Rpt. (2d ser.) 112, 168pp. Washington, D. C., 1936. 173 T17Rs
526. Use of Indian cotton. Casablancas High Draft Co., Ltd. Spinner 1(1): 23-24. June 1935.
Samples of two constructions of cloth made from Indian cotton are given.
527. Webster, E. J. Pima fabrics spun, woven and dyed in Arizona - New industry launched by WPA. Ariz. Prod. 17(2): 16, 17. Apr. 1, 1938. 6 Ar44
Also in Mid-So. Cotton News 15(11): 3. May 1938; Amer. Cotton Grower 4(2): 7. July 1938.
The project will afford an added outlet for Pima cotton.

FILTERS

528. Esselen, Gustavus J., and Talbot, William F. Increasing flow speed in filtering by chemically treating the cotton. Milk Plant Monthly 24(5): 42-44, 46; (6): 52-54, 56. May-June 1935. 44.8 C864
"This study was made by the authors for the Gustavus J. Esselen, Inc. Laboratory of Boston, Massachusetts on behalf of the Union Wadding Company, Pawtucket, Rhode Island."
"This study was directed primarily to the chemical treatment of the fibers composing the filter pads with the object of so modifying the physical characteristics of the fibers themselves by chemical means, as to render the pads more readily permeable to milk. It was hoped that by these means a practical method for increasing the rate of flow without sacrifice of other valuable properties, might be discovered... It may be said at once that treatment of cotton fibers by extremely weak acid solutions brought about a substantial increase in the rate of filtration of milk, and offered an adequate commercially feasible answer to this question."
529. Modern filter cloths. Types of fabrics for various applications. Textile Weekly 11(265): 123. Mar. 31, 1933. 304.8 T3127
"For ordinary filtering work, three common weaves of cotton cloth are generally preferred, namely, plain canvas with single or double thread, twill, and sateen."

FISHING NETS AND NETTING

530. U. S. Tariff commission. Cotton fishing nets and nettings. Report to the President under the provisions of section 336 of title III of the Tariff act of 1930. U. S. Tariff Comm. Rpt. (2d ser.) 79, 7pp. Washington, D. C. 173 T17Rs
531. U. S. Tariff commission. Report to the United States Senate on nets and netting and other fishing gear. U. S. Tariff Comm. Rpt. (2d ser.) 117, 41pp. Washington, D. C., 1937. 173 T17Rs
Cotton fish netting, pp. 6-30. Description and uses are reported.

HOSIERY AND UNDERWEAR

532. Atchison, J. C. Smart cotton hosiery for women produced by Govt. experiment. Twenty different constructions vary from service to sheer weights with fancy mesh designs included - long staple combed yarn used with mercerizing and gassing processes. Daily News Rec. [N.Y.] no. 69, pp. 1, 20. Mar. 24, 1939. 286.8 N48
533. Buyers interested in cotton hosiery for women's wear. Mills find retailers ready to push sales of new stockings. Jour. Com. [N.Y.] 184(14218): 9A. Apr. 29, 1940. 286.8 J82
534. Chic cotton hosiery. Department of Agriculture develops stylish designs and will test them on legs. Business Week no. 507, pp. 38-39. May 20, 1939. 280.8 Sy8
535. Cotton hose - for somebody else! A \$60,000 experiment with a great big question-mark after it. Textile World 90(5): 62-63. May 1940. 304.8 T315
Results of experiments conducted by the Bureau of Home Economics, U. S. Department of Agriculture, are briefly described.
536. Cotton: new uses for our surplus. U. S. News 7(29): 7. July 17, 1939. 280.8 Un33A
Also in Cotton Trade Jour. 19(29): 1, 6. July 22, 1939.
Work of the U. S. Department of Agriculture is described with special reference to cotton hosiery.
537. Dawson, J. H. Cotton yarns for hosiery. Lisle thread, Durene, rayon, sewing threads, boucle, knop, marl and grandelle. Textile Amer. 59(4): 42, 56. Apr. 1933. 304.8 T317
Classified and describes yarns and threads made from cotton.
538. Farley, James A. Cotton marches on. Cong. Rec. 86(103): 10432-10433. May 24, 1940. 148.2 R24
Also in Cotton Ginners' Jour. 11(11): 7, 11-12. Aug. 1940.

Address before the Texas Cotton Ginners' Association.

The importance of the cotton industry in the United States, the cotton stamp plan and cotton hosiery developed by the United States Department of Agriculture were among the topics discussed in the address.

539. Furry, M. S. and Weidenhammer, L. E. Water repellency of cotton hose. Rayon Textile Monthly 21(6): 370-371; (7): 431-432. June-July 1940. 304.8 R21
"The work reported here is part of a study on cotton hose now being conducted by the Bureau of Home Economics in connection with the cotton utilization program of the U. S. Department of Agriculture."
540. Government aids in cotton hose development. Cotton [Atlanta] 104(5): 146. May 1940. 304.8 C823
The hose were designed by the Bureau of Home Economics of the Department of Agriculture.
541. Hill, Dean. Hill sees increased use of cotton yarn in women's hosiery. Mercerized welts termed attractive, serviceable. Jour. Com. [N.Y.] 183(14142): 14A. Jan. 29, 1940. 286.8 J82
542. Hill, Dean. Lisle hosiery is current drive of Durene ass'n. Cotton [Atlanta] 102(5): 76, 79. May 1938. 304.8 C823
The work of the Durene Association of America and the Mercerizers Association of America in developing cotton hosiery that would appeal to women is discussed.
543. Monachino, Rose F. Hosiery production in the United States with special reference to the use of cotton. 46pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of home economics, 1939. 1.9 H755Hos
544. More interest shown in women's cotton hose. Cotton [Atlanta] 104(6): 146. June 1940. 304.8 C823
545. [National cotton council of America] Council discovers cotton hosiery yarns. Cotton Digest 11(52): 5. Sept. 30, 1939. 286.82 C822
Also in Cotton and Cotton Oil Press 40(24): 10. Sept. 30, 1939.
546. New hose raise cotton hopes. Stockings to be made by Gotham hosiery co. are just the newest of many important research and merchandising ventures which vitally affect cotton prospects. Business Week no. 551, pp. 20-22. Mar. 23, 1940. 280.8 Sy8:
Other uses are listed, together with the probable consumption of cotton by each.
547. New hosiery now proving quite popular. Mid-So. Cotton News 15(11): 8. May 1938. 72.8 C8295
Work of the Durene Association of America in developing new styles in lisle hose is mentioned.

548. New restrictions on use of cotton. Times [London] Trade & Engin. (n.s.) 39(871): 20. Sept. 1936. 286.8 T482
"By a decree issued by the German Government on July 31 all cotton knitted underwear... for the home market must contain, by weight, a 16 percent percentage of 'Zellwolle' -i.e. spun rayon or rayon, from November 1, 1936, onwards. This does not mean that the yarn from which the articles are made must contain this percentage, but that the manufacturer must arrange that the articles mentioned are made in such a way that the decree is complied with. It does not apply to goods for export or to material needed for the making of fabric gloves. These may still contain 100 per cent cotton yarn for both the home and export trade."
549. Niles, P. W. Cotton underwear stages a comeback as women decide they like the soft feel and new stitches. Textile World 86(7): 1268-1269. June 1936. 304.8 T315
Certain constructions are described.
550. Potter, Robert D. Work for new fabrics. New fibers of the research laboratories do more than adorn; they have important industrial functions. Sci. News Letter 37(8): 118-119; 124-125. Feb. 24, 1940. 470 Sci24
The work of the Bureau of Home Economics of the U. S. Department of Agriculture in developing new types of cotton stockings is mentioned.
551. Rise of other fibers leads to increased use of cotton yarns. Manufacturers using cotton to maintain retail brackets. Increased use of mercerized yarn by hosiery manufacturers noted - Outerwear trade also turning to cotton yarns. Jour. Com. [N.Y.] 182(14087): 11. Nov. 22, 1939. 286.8 J82
552. Silk and cotton stockings. Ariz. Prod. 16(24): 12. Mar. 1, 1938. 6 Ar44
Editorial on the movement to wear cotton stockings.
553. Taylor, Delia Ann, and Young, David H. Cotton stockings - why not? Results of some official American hosiery experiments. Textile Weekly 24(610): 544. Nov. 10, 1939. 304.8 T3127
Experiments conducted by the U. S. Bureau of Home Economics are reported.
554. U. S. Dept. of agriculture. Bureau of home economics. Bureau designs cotton hosiery, full-fashioned, all occasions. Cotton Trade Jour. 20(12): 1, 8. Mar. 23, 1940. 72.8 C8214
Also in Staple Cotton Rev. 18(3): 5-6. Mar. 1940.

HOUSING

555. Cotton and acoustics. Fibre and Fabric 85(2499): 17. Dec. 24, 1932.
304.8 F44
Describes use of monk's cloth for acoustical purposes in music halls.
556. Cotton and mud go into houses. It's all part of government's effort to use native materials in low-cost rural housing. Contracts let for 2,784 homes at average of \$1,474. Business Week no. 530, pp. 20-21. Oct. 28, 1939. 280.8 Sy8
"One of the most interesting of FSA's [Farm Security Administration] experiments is a cotton-covered house, which is now getting the final test - that of being lived in... Cotton duck, long used by the Navy on decking, has been experimentally applied to the roof and exterior walls of a house in Coffee County, Ala. Treated to make it fire-resistant, the duck is airtight, watertight and forms excellent insulation, making the house cooler in summer and warmer in winter."
557. Cotton brick may be next. Oil Mill Gazetteer 44(2): Aug. 21, 1939.
307.8 Oi53
The use of low-grade cotton and linters in the manufacture of bricks for building purposes is discussed.
558. Cotton chutes for fire escapes. Textile Bul. 44(20): 7. July 13, 1933. 304.8 So82
Release from the Cotton-Textile Institute.
"Canvas chutes would offer the same evacuation facilities as spiral tubular metal chutes sometimes permanently installed in institutional buildings in this country, at the same time affording the utmost service flexibility in that the canvas chute may be moved from one danger point to another as emergencies arise." The cotton chutes are used successfully in Japan.
559. Cotton floor may be used. Cotton Digest 11(1): 11 Oct. 8, 1938.
286.82 C822
Proposal for North Carolina exhibit at World's Fair in New York.
560. The cotton house. Fibre and Fabric 85(2491): 16-17. Oct. 29, 1932.
304.8 F44
Also in Cotton Trade Jour. 12(44): 2. Nov. 5, 1932.
Describes exhibits at recent annual meeting of the Cotton-Textile Institute at New York City.
561. Cotton houses. Mid-So. Cotton News 15(12): 3. June 1938. 72.8 C8295
"A prefabricated home with cotton cloth both inside and out is expected to open a vast new market for the output of textile

mills. The cloth will be on plywood with a steel base. The cotton will be especially woven and treated for this purpose. Americans living in cotton houses will consume more cotton."- Entire item.

562. Cotton housing; prefabricated cotton houses within a year are predicted. Textile Age 3(12): 48, 50-51. Dec. 1939. 304.8 T3132
563. Cotton in home construction. Cotton canvas, applied not only as a roof deck but also as a vertical wall surface, fulfills the new requirements for improved building. Cotton Econ. 1(2): 4, 10. Jan. 12, 1933. 286.82 C824
Describes in detail the "week-end house" or cotton summer house.
564. Cotton is used in new plyboard. Textile Bul. 58(5): 40. May 1, 1940. 304.8 S082
"By using cotton in a new type of plyboard, a Seattle firm has developed a board four to 30 times stronger than ordinary wall-board, the National Cotton Council reported. The new plyboard has added fire resistance and enables painting or papering without the customary plastering required over ordinary plyboard, the council said."- Entire item.
565. [Cotton-textile institute, inc.] A cotton house. Mfrs. Record 103(3): 62. Mar. 1933. 297.8 M31
"Incorporating a number of newly developed refinements in modern home construction, the first demonstration 'cotton house' is to be erected early in April at Northport, Long Island, New York."
566. Cotton-textile institute's annual meeting. Com. and Finance 21(43): 1306. Oct. 26, 1932. 286.6 C737
Also in Textile World 82(5): 956-957. Nov. 1932.
Seventh annual meeting in New York, Oct. 19, 1932.
Gives abstract of address by George A. Sloan; lists officers, directors, and committee members; and describes and illustrates the "cotton house."
567. Deck, Louis, jr. Roof repairs with cotton sheeting. Unbleached muslin fabric, properly applied with suitable paint, makes a tight, waterproof and flexible patch that gives years of satisfactory service. Engin. News-Rec. 117(16): 508-509. Oct. 8, 1936. 290.8 En34
568. Edgar, A. D., and Miller, Thomas A. H. Roof coverings for farm buildings and their repair. U. S. Dept. Agr. Farmers' Bul. 1751, 30pp. Washington, D. C., 1935. 1 Ag 84F
569. [Everett, Charles K.] Building of prefabricated cotton houses within year is predicted. Daily News Rec. [N.Y.] no. 241, p. 5. Oct. 14, 1939. 286.8 N48

570. Everett, Charles K. Cotton's uses in relation to housing and construction. Mfrs. Rec. 108(12): 19, 46, 58. Dec. 1939. 297.8 M31
571. Houses made from cotton. New uses for cotton demonstrated by the Cotton-Textile institute, inc. Textile Rec. 50(596): 29. Nov. 15, 1932. 304.8 T311
Illustrations show two types of cotton houses, designed by Lawrence Kocher.
572. King cotton on the roof. Cotton Trade Jour. 19(38): 3. Sept. 23, 1939. 72.8 C8214
Also in Cotton Digest 11(51): 12. Sept. 23, 1939.
"Procedure in cotton roofing calls for a first layer of asphalt tar, a layer of cotton canvas and a final layer of asphalt."
573. Laurie, Alex, and Link, Conrad. Cloth houses. Ohio Agr. Expt. Sta. Bul. 594, 37pp. Wooster, 1938. 100 Oh35
Bibliography, p. 37.
Cloth houses for use by commercial florists in producing summer flowers are described.
574. [O'Neal, W. W.] New uses. Cotton Digest 10(39): 13. July 2, 1938. 286.82 C822
W. W. O'Neal of Little Rock, Ark. has invented "a roofing material to replace felt or composition roofing made by using cotton linters with low grade cotton fabrics as a base."
575. See cotton ply-board offering big market. Cotton Trade Jour. 20(18): 2. May 4, 1940. 72.8 C8214
A canvas covering is used on the ply-board.
576. Structural cotton to be featured at Council meeting. National cotton council plans exhibits for February 14 meeting here. Cotton Trade Jour. 20(3): 1, 5. Jan. 20, 1940. 72.8 C8214
Also in Cotton Digest 12(16): 5. Jan. 20, 1940.
"Emphasizing the use of cotton as a construction fabric, the United States Department of Agriculture will demonstrate cotton building fabric in a featured display at the annual convention of the National Cotton Council at New Orleans on February 14."
577. U. S. Dept. of agriculture. Farm security administration. Cotton used in construction of houses. 2pp., processed. Washington, D. C., 1939. 1.95 C82
Experimental houses constructed in Coffee County, Alabama, are briefly described.
578. Urge erection of new cotton houses in mill communities. Textile Bul. 54(16): 26. June 16, 1938. 304.8 So82

579. Wilson, Marguerite G. Suggests cotton use. Cotton Trade Jour. 18(52): 5. Dec. 10, 1938. 72.8 C8214
Use in making hollow tile is suggested.

INSULATION

580. Black, C. P., and Matthew, J. A. The physical properties of fabrics in relation to clothing. Part III - Heat insulation by fabrics used as body clothing. Textile Inst. Jour. 25(8): T249-T276. Aug. 1934. 73.9 T31
References, p. T276.
581. Buller, F. H. Design station cables on conservative basis. Elect. World 109(13): 1047-1048, 1115-1116. Mar. 26, 1938. 335.8 E12
"Standard insulations for telectric generating station cable are paper, varnished cambric and rubber."
582. Cotton fire-proofing gives farmers new hope. Cotton Digest 11(48): 5. Sept. 2, 1939. 286.82 C822
"Reprinted from the Texas State Observer."
D. F. Forwood of Taylor, Texas, "has developed a process for fireproofing cotton so that it can be used as an insulation material in the construction of houses, refrigeration units, ice boxes, and dozens of other cases where some material resistant to temperature changes is required."
583. Cotton insulation. Cotton Trade Jour. 20(24): 2. June 15, 1940. 72.8 C8214
An editorial which says in part: "Cotton insulation now being turned out, however, is impregnated with fire-resisting chemicals and, so far as can be seen at the present time, is far superior to some of the mineral insulators which are on the market."
584. [Forwood, D. F.] Add new uses. Textile World 89(11): 107. Oct. 1939. 304.8 T315
A "new patented process [which] overcomes cotton's inflammable qualities" and makes it suitable for building insulation is noted.
585. Govt. to market cotton insulation. Cotton Digest 12(33): 12. May 18, 1940. 286.82 C822
Also in Cotton Trade Jour. 20(20): 7. May 18, 1940. Daily News Rec. [N.Y.] no. 116, p. 11. May 16, 1940.
An announcement by the Division of Marketing and Marketing Agreements of the Department of Agriculture of a program to encourage the use in houses of cotton insulation.
586. Grayson, R. V. New cotton uses. Mfrs. Rec. 104(4): 32, 64. Apr. 1935. 297.8 M31
The development of an insulating board made of cotton for use in shipping food products at low temperatures is described.

587. Groben, W. Ellis. The use of canvas and cotton insulation for building purposes, 10pp., processed. Washington, D. C., U. S. Dept. of agriculture, Forest service, 1938. 1.9 F765U
588. Harvey, Dean. Tapes for electrical insulation. Elect. Jour. 31(11): 427-429. 335.8 E124
Kinds and treatment of cotton fabric used for such tapes are described.
589. [Schoch, E. P.] Cotton research needs men, money. Cotton Digest 11(17): 14. Jan. 28, 1939. 286.82 C822
Includes note of the demonstration of "a fireproof building insulation material made from cotton stalks, burr and calcium sulphate."
590. [U. S. Dept. of agriculture. Div. of marketing and marketing agreements] Cotton insulation contracts total 3 million pounds. Two firms get first of 6,700,000 quota, on new cotton product. Cotton Trade Jour. 20(23): 1, 8. June 8, 1940. 72.8 C8214
Also in Cotton Digest 12(36): 11. June 15, 1940.
591. Van Laethem, J., and Vernimmen, R. Inspection of textiles used for electrical insulation purposes. Instruments 8(12): 333-334, 339. Dec. 1935. 297.8 In72
"Experiments on cotton and silk showed that measurement of the electrical resistance of an aqueous extract of the material affords a measure of the insulation properties of the material. The determination of minimum resistance requirements is described. (From Textile Inst. Jour., Mar. 1936, p. A134) C." - Textile Res. 6(12): 537. October 1936.
592. Walker, A. C., and Quell, M. H. Influence of ash constituents on the electrical conduction of cotton. Textile Inst. Jour. 24(3): T123-T130. Mar. 1933. 73.9 T31
"Evidence will be presented in this paper to show that the improvement in d.-c. insulation resistance of cotton, secured by washing, is accompanied by a reduction in the inorganic ash content from about 1% of the dry cotton weight to a value generally less than 0.3 per cent."
Cotton has been given primary consideration "since it is the most economical material available for use in telephone apparatus insulation, and the improvements in electrical properties secured by water washing have led to its substitution for silk to a large extent in the telephone industry."
Work in connection with the above paper was carried out in the Bell Telephone Laboratories, Inc., New York, N. Y.

593. Warren, H. Insulations. X-Varnished sheets, tapes, sleeveings, etc. - A general discussion of the technical outlook. Electrician 110 (2854): 184-186. Feb. 10, 1933. Libr. Cong.
"In the present article it is proposed to discuss the general technical aspects of the varnished cotton or silk flexible sheets, tape and sleeving materials employed for conductor insulation."
"The inflammability, moisture absorption and working temperature limit of cotton fabrics are their most serious disadvantages."
594. Wasson, S. Deane. Fire-proof cotton opens new market. Amer. Cotton Grower 5(10): 12. Mar. 1940. 72.8 Am32
Use of treated cotton for sound and temperature insulation is described.

LACES

595. Tranter, K. V. Egypt's cotton in dress materials. Shadow laces. Manchester Guardian Com. (Egypt no.) Jan. 11, 1935, p. 26. 286.8 M315C
596. [U. S. Tariff commission] Laces and lace articles. U. S. Tariff. Comn. Rpt. (2d ser.) 83, 342pp., Washington, D. C., 1934. 173 T17Rs
Includes descriptions of manufacturing process and studies of cost of production of various kinds of lace.

MATS FOR CURING CONCRETE

597. Andrews, Stanley. Use of cotton mats for curing concrete. Roads and Streets 78(2): 81-82. Feb. 1935. 288.8 R536
Reports tests made by Soils and Research Division of the State Highway Department of Texas.
598. [Cotton-textile institute, inc.] Cotton mats for curing concrete roads. Textile Bul. 51(5): 16, 23. Oct. 1, 1936. 304.8 So82
Experiments with cotton mats in Texas are described.
599. Marr, Robert A., jr. The cost of curing concrete pavements with cotton mats. U. S. Fed. Works Agency, Pub. Roads Admin., Pub. Roads 20(11): 215-216, 218-219. Jan. 1940. 1 R53P
600. Rollins, J. G. Cotton mats for curing concrete. Data from two years of experiments by Texas State highway department. Roads and Streets 78(5): 172-176. May 1935. 288.8 R536
"The object of making the tests with these 7 mats was to determine the number of square yards of pavement a mat would cure before wearing out, in order that the cost might be determined, efficiency observations and data were also made, in comparison with the wet-burlap-wet-earth and the wet-burlap-ponded-water methods."

601. [Rollins, J. G.] Curing concrete pavement with wet cotton mats. Texas highway department tests result in specifications for mats - used 58 times. Concrete 43(12): 20. Dec. 1935. 299.8 C743
A paper presented at a short course in highway engineering given at the Texas Agricultural and Mechanical College is summarized. Specifications for the mats are given.
602. U. S. Dept. of agriculture. Bur. of public roads. Div. of tests. Cotton mats for curing concrete. Report of tests to determine the efficiency of cotton mats of various thicknesses for the protection of concrete while curing. U. S. Dept. Agr. Bur. Pub. Roads. Pub. Roads 14(5): 73-80, 92. July 1933. 1 R53P
603. U. S. Dept. of agriculture. Bur. of public roads. Div. of tests. Further tests of cotton mats for curing concrete. U. S. Dept. Agr. Bur. Pub. Roads. Pub. Roads 15(9): 231-234. Nov. 1934. 1 R53P
With certain limitations "these tests substantiate the previously published conclusion to the effect that cotton mats of the thicknesses and weights shown, if wet once and applied with the wet side down, are as effective in curing as a double thickness of burlap kept wet continuously for 3 days and also that mats applied dry are less effective than either the wet mats or the burlap."

MEAT WRAPPING

604. Develop new cotton use in meat packing. Cotton Trade Jour. 18(7): 1. Feb. 12, 1938. 72.8 C8214
The quantity of cloth sold for use in wrapping dressed meats in 1937 is noted.
605. Favor cotton cloth for meat wrapping. Daily News Rec. [N.Y.] no. 49, p. 19. Mar. 1, 1939. 286.8 N48
606. A new use for cotton. Cotton Trade Jour. 19(2): 7. Jan. 14, 1939. 72.8 C8214
Illustration shows use of cotton cloth for wrapping veal.
607. [Reid, Roderick V.] Meat wrapping process opens new market for cotton. Textile Bul. 54(18): 23. June 30, 1938. 304.8 So82
Also in Cotton [Atlanta] 102(8): 52. Aug. 1938.
608. Swift & company develops new method of wrapping fresh meats. Cotton and Cotton Oil Press 39(44): 10-11. Oct. 29, 1938. 304.8 C822
The use of a cotton covering is illustrated.

MEDICAL AND SURGICAL USES

609. Antiseptic fabrics. A new impregnating process. Manchester Guardian Com. 31(793): 175. Aug. 30, 1935. 286.8 M3150
The methods of treating fabrics with the sterilizing solution, and its efficacy and uses are discussed.
610. Augustowski, W. Surgical cotton: comparison of samples prepared from flax and cotton. Textile Inst. Jour. 24(11): A573. Nov. 1933. 73.9 T31
Abstract of article in "Wiadomosci Farm." 60:274-275. 1933.
"Surgical cotton prepared from flax fibres absorbs moisture 2-4 times as slowly as true cotton. Other characteristics are the same as in true cotton."
611. Cotton cellulose sponge aids surgeons. Indus. and Engin. Chem. (News ed.) 17(23): 760. Dec. 10, 1939. 381 J825
"In producing the sponge, cotton fibers are converted chemically into a regenerate form of cellulose."
612. Johnson & Johnson. Cotton. 12pp. [New Brunswick, N. J., 1939?] Div. Cotton Mktg. VF550
"This booklet is not intended to be a detailed explanation of the growing and manufacturing of absorbent cotton. It is rather, a non-technical description of those phases of its preparation which we think are interesting to the average cotton user."
613. Red Cross sends surgical gauze to battle areas. Purchases include 4,800,000 yards of gauze, 165,000 pounds wool yarn. Cotton Trade Jour. 20(24): 3. June 15, 1940. 72.8 C8214
614. Sayre, Kenneth H. Textiles in hospitals; market, uses and quality required. Textile Age 3(9): 47-48, 50. Sept. 1939. 304.3 T3132
615. Surgical thread from cotton yarn. Delta Council News 1(9): 4. May 14, 1940. 280.8 D38
"Endorsement of cotton thread as a surgical suture has been forthcoming from surgeons on staffs of Tulane and Louisiana State Medical Schools. Surgeons state that cotton is superior to silk, linen, and catgut. It is easier to handle because it is not as slippery or as difficult to tie as the other commonly used materials. Unlike catgut, it does not disintegrate rapidly, giving a wound time to heal properly." - Entire item.
616. U. S. Dept. of commerce. Bur. of standards. Hospital rubber sheeting. U. S. Dept. Com. Bur. Standards, Com. Standard CS38-32, 16pp. Washington, D. C., 1932. 157.88 C73 CS38-32
"The sheeting shall be made from a cotton fabric coated on one or both sides, as specified, with a rubber compound."

MILITARY USES

617. Beating the bombs. Ingenious English and French fabrics afford air-raid protection. Textile World 90(1): 62. Jan. 1940.
304.8 T315
618. "Black-out" cloth demand very brisk, Manchester reports. Cotton Trade Jour. 19(37): 7. Sept. 16, 1939. 72.8 C8214
The use of cotton cloth for curtains for wartime "black-outs" is noted.
619. [Harrington, Ernest S.] Harrington plan well received in Dallas, Texas. Would convert thousands of loan bales into nitrocellulose for war. Cotton Trade Jour. 19(5): 1, 3. Feb. 4, 1939. 72.8 C8214
620. Krassner, Frederick. Textiles in the navy. Amer. Dyestuff Rptr. 23(11): 279-282. May 21, 1934. 306.8 Am3
"It will be the purpose of this article to discuss some of the aspects of the clothing problem, the enlisted personnel of the Navy, and the procurement of such textile items as are needed for their comfort and well being. Some of the scientific methods used in evaluating the foregoing, will be outlined, as well as the general contributions that are being made to science and industry in this field."
621. Onogi, T. Japanese army headgear lining: efficiency. Textile Inst. Jour. 24(5): A282. May 1933. 73.9 T31
Abstract of article in "Taiwan Igakkai Zasshi" 31: 97-99. 1932.
"The summer headgear of the Army in Formosa is made of the fibre of Pandanus tectorius. The author has investigated the degree of protection against heat afforded by these helmets and finds that a lining of white cotton cloth or flannel is the most effective means of lowering the air temperature inside them."
622. Quarter trillion pounds cellulose for gun-powder? See 3-year war burning up equivalent of 5,000,000 bales of cotton. Cotton Trade Jour. 19(38): 1, 7. Sept. 23, 1939. 72.8 C8214
623. Urge increased buying of cottons by War department. Textile Bul. 48(25): 7. Aug. 22, 1935. 304.8 So82
Cotton blankets, underwear, hosiery, sweaters, gloves, uniforms and caps, and the use of cotton and wool mixtures for these articles, are suggested for the Army and the Civilian Conservation Corps.

MOVING PICTURE INDUSTRY

624. Fabric production for films. Growing market needs close study. Manchester Guardian Com. 36(934): 444. May 13, 1938. 286.8 M315
The uses of cotton cloth in the British film industry are noted.
625. From cotton field to camera film. Hercules Mixer, Feb. 1934, pp. 28-30. Clipping.
Brief history of film manufacture. "In the manufacture of film for the great photographic industry millions of pounds of cotton a year are used in the nitrocellulose film and in the cellulose acetate or 'safety film' which is employed for home movie and X-ray use."
626. Laing, A. B. Cotton goes Hollywood. Amer. Cotton Grower 2(8): 20-21. Jan. 1937. 72.8 Am32
Utilization of cotton in the motion picture industry.
627. Laing, A. B. Muslin in the movies. Fabric walls bring acoustic perfection to Hollywood sets. Textile World 83(8): 1252-1253. July, 1933. 304.8 T315.

PAPER

628. Fibers of old Arabic manuscripts. U. S. Natl. Bur. Standards Tech. News Bul. no. 262, pp. 13-14. 157.88 T222
"The fiber of papers of two manuscripts of the eighteenth century is cotton."
629. Plan to make paper of cotton. Paper Trade Jour. 110(2): 44. Jan. 11, 1940. 302.8 P196
An announcement by the Department of Agriculture, of a demonstrational program under which a small amount of low-grade cotton will be used in the manufacture of high-grade paper.
630. [U. S. Dept. of agriculture. Div. of marketing and marketing agreements] Plan manufacture of fine writing paper from cotton. Experimental project may lead to 200,000 bale annual consumption. Cotton Trade Jour. 20(2): 4. Jan. 13, 1940. 72.8 C8214
Also in Indian Textile Jour. 50(595): 220. Apr. 1940.

ROADS, STREETS AND AIRPORT RUNWAYS

631. Anent cotton roads. Fibre and Fabric 89(2696): 12. Oct. 3, 1936. 304.8 F44
"More than 400 miles of cotton reinforced bituminous surfaced roads will have been completed in ten States before snow flies, according to reports reaching the Cotton-Textile Institute from State highway departments."

632. Another cotton road planned. Cotton Trade Jour. 19(28): 6. July 15, 1939. 72.8 C8214
"Two miles of cotton road pavement will be laid beginning August 1 between Grand Prairie and Cedar Hill," Texas.
633. [Barnard, Henry E.] Road material. New use for cotton. Cotton Digest 9(47): 10-11. Aug. 28, 1937. 286.82 C822
Extract from address at Oklahoma City.
634. Beckham, W. K., and Mills, W. H. Cotton-fabric-reinforced roads. Bituminous-surface treatments on both roads and bridge floors in South Carolina show superior durability when reinforced with cotton fabric. Engin. News-Rec. 115(14): 453-455. Oct. 3, 1935. 290.8 EN34
635. Campbell, James W. Cotton road stands test. 13 million bales could be utilized in building 2 million miles of unimproved highways. Mid-So. Cotton News 16(4): 2. Oct. 1938. 72.8 C8295
A road built near Memphis, Tenn. in 1937 is referred to.
636. Carter, Hodding. Greenville laying more than 3 miles cotton pavements. Cotton Trade Jour. 19(38): 3. Sept. 23, 1939. 72.8 C8214
637. Cheatham, R. J., and Whitaker, Rodney. Cotton fabrics for bituminous-surfaced roads. 16pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bur. of agricultural economics, Div. of cotton marketing, 1936. 1.9 Ec733 Cfa
"In cooperation with the Textile School of North Carolina State College of Agriculture and Engineering, University of North Carolina."
Footnote references.
The construction of fabrics to be used in tests is described. Tests of the use of cotton fabrics in bituminous-surfaced roads are being undertaken by the Agricultural Adjustment Administration, the Bureau of Public Roads and various State Highway Departments.
Extracts in Cotton Digest 8(40): 5, 14-15. July 11, 1936; Textile Recorder 54(642): 25-26. Sept. 6, 1936; Bedding Mfr. 32(4): 50. Nov. 1936; Textile Bul. 52(24): 3-6. Aug. 12, 1937.
638. [Coffin, Howard E.] Cotton highways may prove important factor to producer. Cotton Digest 8(34): 11-15. May 30, 1936. 286.82 C822
Excerpts of an address.
639. Coffin, Howard E. Cotton roads. Credit and Financ. Mangt. 39(5): 35, 40. May 1937. Libr. Cong.
Experiments with cotton in the construction of bituminous-surfaced roads in the United States are commented upon.
640. Constructing a cotton road in America. Manchester Guardian Com. 37 (957): 385. Oct. 21, 1938. 286.8 M315C
Photographs show a road being built near St. Joseph, Florida.

641. Corder, Leon. Construction costs of cotton-reinforced asphalt. Methods and cost of constructing a cotton fabric reinforced armor coat bituminous road surface. Engin. News-Rec. 118(4): 128-130. Jan. 28, 1937. 290.8 En34
642. Cotton cloth in road construction. Internatl. Cotton Bul. 14(55): 335-337. Apr. 1936. 72.8 In8
Specifications of cotton mats to be used for curing concrete pavements in the United States and cotton fabric to be used for reinforcing bituminous surface treated highways in the United States, are given.
643. Cotton fabric in gravel roads. Pub. Works 66(4): 22. Apr. 1935. 290.8 M922
Results of "experimental work in the use of cotton fabric on gravel roads... on Stultz lane," South Brunswick Township, New Jersey.
644. Cotton fabric reinforcement of road surfacing. Roads and Streets 76(6): 235. June 1933. 288.8 R536
Describes method used in surfacing a "stretch of road extending for 2-1/2 miles near Baton Rouge," La.
645. Cotton fabrics for reinforcing bituminous surfaces on highways. Natl. Res. Council. Highway Res., Res. Abs. (32): 4-5, processed. July 1936. 288.9 N21R
Reports from the state highway departments of Georgia, New Jersey and Texas regarding experiments with cotton fabric in bituminous surfaced roads.
646. Cotton fabrics in road building. South. Textile Bul. 43(7): 40. Oct. 13, 1932. 304.8 So82
"Use of cotton fabric in road-building has progressed from successful service tests to major construction in a new two and a half mile section of cotton surfaced highway just completed near Baton Rouge, La." according to the Cotton-Textile Institute.
647. Cotton fabrics used to construct road. Cotton and Cotton Oil News 36(39): 4. Sept. 28, 1935. 304.8 C822
A demonstration on "the Delta & Pine Land Cotton Company plantation at Scott, Miss." is reported.
648. Cotton flunks a test. It isn't valuable in asphalt roads, but other new uses are found to be successful and sound. Business Week no. 547, pp. 20, 24. Feb. 24, 1940. 280.8 Sy8
649. Cotton highway is dedicated by Governor Hoey. Fourteen and one-half mile stretch is opened in North Carolina. Cotton Trade Jour. 17(32): 3. Aug. 7, 1937. 72.8 C8214

650. Cotton highways. Cotton Digest 11(43): 12-13. July 29, 1939.
286.82 C822
Reprinted from the Houston, Texas, Post.
651. Cotton in airport runways. Field at Fort McClellan, Ala., one of two airports where cotton membrane will be used to reinforce bituminous surfacing. Mfrs. Rec. 105(4): 40. Apr. 1936.
297.8 M31
Specifications for fabric to be used in constructing runways at the Newark, N. J., airport are included.
652. Cotton in road construction. Internatl. Cotton Bul. 16(63): 422-423. Apr. 1938. 72.8 In8
"Reprinted from the Manufacturers' Record."
653. Cotton-paved parking lot newest in Houston. Cotton Trade Jour. 19(41): 6. Oct. 14, 1939. 72.8 C8214
Also in Cotton Digest 12(2): 3. Oct. 14, 1939; Tex. Co-op. News 19(10): 3. Oct. 15, 1939.
654. Cotton road pronounced "success". Cotton Digest 11(34): 10. May 27, 1939. 286.82 C822
655. Cotton road tests made in 24 states. Immense potential market may solve cotton consumption problem. Cotton Trade Jour. 18(22): 7. May 21, 1938. 72.8 C8214
Also in Textile Bul. 54(13): 15. May 26, 1938.
656. Cotton roads. Fibre and Fabric 88(2645, i.e. 2644): 8-9. Oct. 5, 1935. 304.8 F44
"From [New York] Journal of Commerce."
The cotton fabric and construction used on the new highway at Scott, Mississippi, are described. The history and practicability of cotton roads are briefly discussed.
657. Cotton roads detour. Farm Jour. and Farmer's Wife 63(9): 14. Sept. 1939. 6 F2212
"E. F. Kelly, chief of the testing division, [Bureau of Public Roads] reported that returns from 15 states show no difference in wear between cotton-bound and ordinary surfacings."
658. Cotton roads in Egypt. Internatl. Cotton Bul. 15(59): 462. Apr. 1937. 72.8 In8
Also reported in Textile Mercury and Argus 96(2510): 450. Apr. 30, 1937.
It is reported that experiments in Alexandria, Egypt, with cotton cloth roads are proving quite satisfactory. Use of cotton cloth and bitumen to cover flat roofs is also noted.

659. Cotton roads now in five states. Textile World 85(11): 2031.
Oct. 1935. 304.8 T315
The "preferred fabric" is briefly described and its cost and the states where cotton fabric roads have been built are mentioned.
660. Cotton roads of the south are new crop outlets. Sci. News Letter 30
(85): 173-174. Sept. 12, 1936. 470 Sci24
661. "Cotton roads" stand test in Tarheelia [N.C.]. Cotton Trade Jour.
19(3): 6. Jan. 21, 1939. 72.8 C8214
662. "Cotton streets" for Greenville [Mississippi]. Cotton Trade Jour.
19(26): 1. July 1, 1939. 72.8 C8214
Also in Internat'l. Cotton Bul. 17(68): 525. July 1939.
663. Cotton tested in Alabama for airport runways. Officials estimate
2,000,000 bales will be used if tests succeed. Cotton Trade
Jour. 18(43): 1, 8. Oct. 8, 1938. 72.8 C8214
Tests at Reilly Field, Fort McClellan, Ala., on October 1st
are reported.
664. Cotton-textile institute, inc. Cotton "farm-to-market" roads.
Cotton fabric used in reinforcing bituminous surface for better,
more durable, low cost secondary roads. 12pp. New York, [1935]
288 C822
Extracts in Cotton Digest 8(1): 12-13. Oct. 12, 1935.
The use, construction, and performance records of "cotton
roads," and the fabric used are described.
665. Cotton-textile institute, inc. Cotton-reinforced surfaces. Roads
and Streets 80(9): 58. Sept. 1937. 288.8 R536
"A statement... regarding the extent of present use, behavior
under traffic, methods of construction, and pending projects."
666. [Cotton-textile institute, inc.] Cotton roads used in East. Cotton
Digest 10(30): 24. Apr. 30, 1938. 286.82 C822
667. Cotton tried as binder in asphalt paving blocks. Sci. News Letter
25(666): 30. Jan. 13, 1934. 470 Sci24
668. Cotton use in highways approved. Cotton Digest 8(23): 13. Mar. 14,
1936. 286.82 C822
Plans of the Agricultural Adjustment Administration for the
use of funds for tests of the use of cotton in road building,
are announced.
669. Dallas to have "cotton road." Cotton Trade Jour. 19(7): 7. Feb. 18,
1939. 72.8 C8214
Also in Cotton Digest 11(21): 12-13. Feb. 25, 1939.

670. Davis, Newhall. Cotton for roads. Roads and Road Construct. 11(131): 361. Nov. 1, 1933. 288.8 R533
Mentions experimental strips in Holland and describes two stretches of cotton roads in Newberry County and Spartanburg County, South Carolina.
671. Dearborn conference of agriculture, industry and science. Proceedings of the second... Dearborn, Michigan, May 12, 13, 15, 1936. 409pp. [Dearborn, Mich., Farm chemurgic council; New York, Chemical foundation, inc., 1936] 281.9 J66
Cotton roads, by H. E. Coffin, pp. 65-68.
672. Everett, Charles K. Cotton for highways. Amer. Cotton Grower 2(1): 8-9. June 1936. 72.8 Am32
673. Everett, Charles K. Developing new outlet for cotton. Mfrs. Rec. 105(5): 68. May 1936. 297.8 M31
"The author mentions experiments now under way for use of fabric in roads and airport runways."
674. Everett, Charles K. Good roads and cotton. Cotton Digest 8(8): 7-8. Nov. 30, 1935. 286.82 C822
675. Find 600 miles of cotton roads in service in United States. Increased scale of construction evidenced in numerous states - Roads compare favorably with unreinforced stretches. Jour. Com. [N.Y.] 173(13407): 8. Aug. 20, 1937. 286.8 J82
676. Firming up soft shoulders with cotton. New facts and procedure developed in Rhode Island in stabilizing sand shoulders on highways and in redressing tar roadways with a cloth and bitumen armor coat. Engin. News Rec. 117(22): 749-750. Nov. 26, 1936. 290.8 En34
The structure of the fabric used is given.
677. Fitch, Jay R. Building roads of cotton. That is what the Federal Government is doing, and is encouraging states to do, for highways reinforced with coarse mesh last longer, and promise great economic benefits. Christian Sci. Monitor Weekly Mag. Sect. Dec. 15, 1937, pp. 5, 14.
678. Fritsche, C. B. New domestic uses for cotton. Mfrs. Rec. 104(9): 26-27, 56, 58. Sept. 1935. 297.8 M31
The use of cotton fabric to reinforce secondary or "farm-to-market" roads is discussed.
679. Increased interest in cotton roads. Textile Bul. 50(7): 34-35. Apr. 16, 1936. 304.8 So82
"Inquiries received by the Cotton-Textile Institute from the highway authorities of a dozen or more States" in regard to the Department of Agriculture's plans concerning cotton fabric membranes to reinforce bituminous-surfaced highways, are noted.

680. Lancashire cotton for roads. Textile Weekly 22(564): 866. Dec. 23, 1938. 304.8 T3127
"A proposal to stimulate the manufacture of coarse cotton cloth for use in road construction was referred by Burnley Chamber of Commerce on November 30, to a special committee to consider."
681. Landon, Francis O. King cotton goes on the road in Texas. Prog. Farmer (Tex. ed.) 54(10): 44. Oct. 1939. 6 T311
682. Laying cotton fabric on Nevada roads. Public Works 68(11): 17-18. Nov. 1937. 290.8 M922
Illustrations show methods of laying the fabric.
683. Lint membrane will reinforce Greenville streets. Cotton Trade Jour. 19(2): 3. Jan. 14, 1939. 72.8 C8214
"If a plan now afoot at Greenville, Miss., in the heart of the rich cotton-growing Delta, is successful, many gravel surfaced streets in that city's residential section will be paved with an asphalt that is reinforced with cotton membrane."
684. McMillen, Wheeler. [Cotton roads.] Country Home 62(7): 3. July 1938. 6 F22
An editorial which states in part: "General use of cotton in secondary roads would tremendously help the South's cotton markets, make jobs in textile mills, save a lot of tax money, and give us better rural roads."
685. The miracles of chemistry. Pop. Mechanics 61(4): 506-509. Apr. 1934. 291.8 P81
Refers briefly to paving blocks reinforced with cotton.
686. Mocreffield, C. H. Surface treatment in road building. Bituminous paving and cotton reinforcement. U. S. Daily 7(251): 2020. Jan. 19, 1933. 280.8 Un33
Describes procedure used in experiment in South Carolina.
687. Myers, Lawrence. Cotton for highways. South. Prog. 1(2): 17, 33-34. Oct. 1936. 280.8 So85
The program of the U. S. Agricultural Adjustment Administration in developing the use of cotton for roadbuilding is given.
688. Myers, Lawrence. Cotton in roadbuilding. Engin. News-Rec. 120(7): 270-272. Feb. 17, 1938. 290.8 En34
"Cotton cloth assumed a prominent experimental role in the roadbuilding of 1937, being widely used for reinforcement and for curing purposes."
Tables showing the number of concrete curing mats and quantity of road reinforcing fabric supplied to the states by the Government are given.

689. [National cotton council of America] Cotton council moving ahead. Cotton Digest 11(34): 4. May 27, 1939. 286.82 C822
Launching of a cotton-roads survey and opening of headquarters in Memphis are noted.
690. [National cotton council of America] Cotton council to fight spread of boll worm. Directors select R. Blake permanent secretary, plan cotton road survey. Cotton Trade Jour. 19(11): 1, 6. Mar. 18, 1939. 72.8 C8214
691. The New England council. Fibre and Fabric 88(2644, i.e., 2643): 6-8. Sept. 28, 1935. 304.8 F44
Report of 40th quarterly meeting. The use of cotton in road-building was discussed by H. E. Barnard.
692. Officials are well satisfied with Memphis cotton road. Jour. Com. [N.Y.] 181(13979): 10. July 14, 1939. 286.8 J82
693. A paved road for use of government cotton. Cotton Digest 11(34): 6. Mar. 18, 1939. 286.82 C822
Editorial suggesting that the surplus be used for building roads.
694. Peters, Russell Holt. Hope for the farmer. Forum 97(5): 294-298. May 1937. 110 F77
Hope for the farmer lies in the industrial use of farm products. Use of cotton mesh as a binder on macadam roads is mentioned.
695. Plane runways made of cotton prove superior. Cotton Trade Jour. 19(19): 3. May 13, 1939. 72.8 C8214
Results of tests at Fort McClellan, Alabama, are noted.
696. Revere, C. T. Cotton roads. Textile Bul. 48(23): 7-[18], 12. Aug. 8, 1935. 304.8 S082
Cotton fabric treatment of "secondary, or 'farm-to-market' roads" is described, and results obtained from experiments in this use of cotton are given.
697. Revere, C. T. Cotton roads are here. Com. and Finance 24(41): 861-862. Oct. 9, 1935. 286.6 C737
The use and advantages of cotton for "farm to market roads" are discussed.
698. Revere, C. T. "Cotton roads" gaining in favor. Com. and Finance 26(16): 533. Oct. 16, 1937. 286.8 C737
699. Revere, C. T. Revere ponders lack of interest in cotton for road construction. Cost of "cotton road" only one-sixth as much as concrete one. Cotton Trade Jour. 18(45): 6. Oct. 22, 1938. 72.8 C8214

700. Revere, C. T. Revere urging use of cotton for highways. Cotton proved suitable surface for 2,200,000 miles of U. S. dirt roads. Hard-surfacing is needed. Concrete would cost \$18,000 a mile and cotton only \$600 a mile. Cotton Trade Jour. 18(40): 1, 6. Sept. 17, 1938. 72.8 C8214
701. Revere, C. T. Six hundred miles of cotton roads. Textile Bul. 52 (25): 28-29. Aug. 19, 1937. 304.8 So82
A letter from C. K. Everett of the Cotton-Textile Institute is quoted.
702. Revere, C. T. Use for surplus. Building cotton roads. Value of new construction is proven. Cotton Digest 11(26): 13-16. Apr. 1, 1939. 286.82 C822
Address at the meeting of the National Farm Chemurgic Council at Jackson, Miss., March 29, 1939.
703. Rice, George. Dyeing cotton for use in road construction. Textile Colorist 59(704): 525-526. Aug. 1937. 306.8 T31
704. Road construction uses 8,500 bales of cotton. Mfrs. Rec. 105(11): 45. Nov. 1936. 297.8 M31
705. Roads of cotton. Cost of highway maintenance cut, new outlet found for crop. Lit. Digest. 121(22): 40-41. May 30, 1936. 110 L71
A "200-foot experimental stretch of road was built [on Route 2 between Chapin and Prosperity, So. Car.] with strips of coarse cotton fabric laid longitudinally over the earth base... After two years of traffic under all-weather conditions, the road was tested. It was in as good condition as when it was laid."
706. Six years' service of cotton fabrics in bituminous roads. Amer. City 48(5): 11. May 1933. 98.58 Am31
"From a report of the Cotton-Textile Institute."
Mr. Charles H. Moorefield, State Highway Engineer of South Carolina, is quoted as to the results from using cotton fabric on South Carolina highways.
707. To buy cotton fabrics for road construction. Textile Bul. 50(5): 5, 8. Apr. 2, 1936. 304.8 So82
Extracts from an announcement by the Agricultural Adjustment Administration and comment on experiments with the use of cotton fabric in roads are given.
708. U. S. Dept. of agriculture. Agricultural adjustment administration. Agricultural conservation 1936. A report of the activities of the Agricultural adjustment administration. U. S. Dept. Agr. Agr. Adjustment Admin. G-71, 200pp., Washington, D. C., 1937. 1.4 Ad4Ge
Surplus removal operations (including cotton used in road-building operations) pp. 75-79.

709. U. S. Dept. of agriculture. Agricultural adjustment administration. Cotton diversion program. Proposal for promoting greater utilization of cotton and cotton products in road construction and specifications of materials. U. S. Dept. Agr. Agr. Adjustment Admin. Form C. D. 1, 9pp., processed. [Washington, D. C., 1936] 1.94 C82CD
710. U. S. Dept. of agriculture. Bureau of public roads. Cotton fabric on bituminous roads. Contractors and Engin. Monthly 35(1): 2, 38-39. Jan. 1938. 290.8 C765
711. U. S. Dept. of agriculture. Bur. of public roads. Report of the chief... 1939. 85pp. Washington, D. C., 1939. 1 R53
Experiments with cotton fabric in highway construction are mentioned, p. 83.
712. Watson, G. H. A new use for the South's product - cotton roads. Cotton [Atlanta] 100(11): 57. Nov. 1936. 304.8 C823
"In Alabama traffic is moving over the first 'cotton highway' in a widely publicized experiment which if it turns out successfully will mean a brand new market for a cotton-textile product."
713. Why not more in America? Cotton Trade Jour. 18(20): 1. May 7, 1938. 72.8 C8214
The use of cotton in road-building in England is noted.
714. Wilds, Sophie. Cotton road. South. Agr. 68(11): 17. Nov. 1938. 6 So83
715. Winningham, George W. Going places on cotton roads. Cotton Ginners' Jour. 9(5): 18, 22. Feb. 1938. 304.8 C824
Brief survey of what various states have done in building roads with cotton fabric.
716. Winters, S. R. Cotton roads. Mysore Econ. Jour. 24(4): 127-128. Apr. 1938. 280.8 M99
Experiments in the United States are noted.
717. Wright, Roscoe. Use of cotton in road-building may solve problems of surplus. WPA among U. S. agencies experimenting with fabric as reinforcement. Cotton Trade Jour. 19(9): 7. Mar. 4, 1939. 72.8 C8214

RUBBER INDUSTRY

718. Chadwick, Fletcher. Cotton fabrics for the rubber industry. Inst. Rubber Indus. Trans. 10(2): 114-133. Aug. 1934. 305.9 In7
Paper read at "a joint meeting of the Manchester and District Section of the Institution of the Rubber Industry with the Textile

Institute held at the College of Technology, Manchester, on Monday, 16th October, 1933."

"The physical properties of various growths of cotton are discussed, and the tests applied to raw cotton described. The factors influencing the design of fabric suitable for use in belting, tyre and hose manufacture are considered." - Empire Cotton Growing Rev. 12(3): 263. July 1935.

719. Foley, M. A. Use of flocks in the rubber industry. 1. Cotton flock as a filler. Rubber Age 45(6): 339-340. Sept. 1939. 305.8 R82
"The definition of flocks... has changed in recent years, and it has come to mean a cut fibre, not necessarily wool as in the past, but cotton, rayon and miscellaneous fibres as well. The new type of flocks is distinguished particularly from the old in that it is manufactured for a definite purpose as a cut fibre in the rubber and plastics and other industries."
720. Foley, M. A. Use of flocks in the rubber industry. 2. Flock as a surface coating. Rubber Age 46(1): 27-28. Oct. 1939. 305.8 R82
721. Mauersberger, H. R. The manufacture of cotton rubber-lined fire hose. Melliand Textile Monthly 5(5-6): 157-159; (7): 207-209. Aug.-Sept., Oct. 1933. 304.8 N48
722. Reece, W. H. Cotton as a raw material for the rubber industry. Inst. Rubber Indus. Trans. 10(2): 101-113. Aug. 1934. 305.9 In7
Paper read at "a joint meeting of the Manchester and District Section of the Institution of the Rubber Industry with the Textile Institute held at the College of Technology, Manchester, on Monday, 16th October, 1933."
"A lecture dealing with the use of cotton in belting and hose manufacture." - Empire Cotton Growing Rev. 12(3): 263. July 1935. Abstr. from Text. Inst. Jour. 26(2): A81. Feb. 1935.
723. Rubber-backed carpets. Wool-Wolle, no. 120, July 4, 1932. p. 23. 45.3 W886
In English and German.
"A range of carpets, mats, etc., coated on the back with the rubber milk Latex, and intended especially for the bathroom, has been brought out... The pile is of cotton, but has a woolly appearance." Textile Institute Jour. 23(10): A557-A558. Oct. 1932.
724. The story of rubber. Pt. II. Acco Press 12(1): 5-7. Jan. 1934. 6 Ac2
"The character of the shorter staple varieties of American cotton particularly fits this cotton for use in the manufacture of [rubber] hose of all descriptions and transmission and conveyor belting."

RUG PADS

725. New uses for cotton. Cotton Trade Jour. 18(2): 2. Jan. 8, 1938.
72.8 C8214
Editorial on the use of rug pads.
726. Schiefer, H. F., and Cleveland, R. S. Wear of carpets. U. S. Dept.
Com. Bur. Standards Jour. Res. 12(2): 155-166. Feb. 1934.
157.88 J82
Research Paper RP640.
A study of wear on wool fibers. Table 2, p. 166, "Results
of tests on carpets and underlays", contains results of tests
made on cotton and paper underlay.

SAIL CLOTH

727. Macalpine, T. W. Cotton sails. How they came to be used for British
racing yachts. Textile Rec. 52(618): 20. Sept. 15, 1934.
304.8 T311
728. Yacht cottons. Fibre and Fabric 86(2510): 14. Mar. 11, 1933.
304.8 F44
"Construction points featured in the 1933 pleasure craft
models emphasize the use of a cotton duck or heavy sheeting
as a membrane between the inner and outer sheathing of double-
planked hulls."

SEED BED AND PLANT COVERINGS

729. Batson, F. S. Studies of the effects of cheese cloth enclosures on
the flower production, underground development and rate of
transpiration of flower crops. Amer. Soc. Hort. Sci. Proc.
(1933)30: 580-582. 1934. 81 So12
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