RADAPPERTIZATION (RADIATION STERILIZATION) OF FOODS

ARMY NATICK LABORATORIES

JUNE 1973
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TECHNICAL REPORT
74-3-FL

RADAPPERTIZATION (RADIATION STERILIZATION) OF FOODS

BIBLIOGRAPHY OF TECHNICAL PUBLICATIONS AND PAPERS

by
Eugen Wierbicki
Irradiated Food Products Division

June 1973

Food Laboratory
US Army Natick Laboratories
Natick, Massachusetts 01760

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Radappertization (Radiation Sterilization) of Foods.
Bibliography of Technical Publications and Papers.

This report is a bibliography of technical publications and papers on radappertized (radiation sterilized) foods written by scientific and supervisory personnel of the U. S. Army Natick Laboratories (NLABS), working in or responsible for the part of the National Radiation Preservation of Food Program dealing with radiation sterilization processing of pre-packaged, shelf-stable foods, mainly red meats, poultry and selected seafoods. The report includes 98 publications published within the period March 1962 through June 1973, subdivided into books, technical reports, patents, technical papers (NLABS) and reprints of scientific and technical journals.

Index of authors with the corresponding entry numbers are included for easy search of the publications by the names of the authors.
<table>
<thead>
<tr>
<th>KEY WORDS</th>
<th>LINK A</th>
<th>LINK B</th>
<th>LINK C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reports</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Publications</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radiation Sterilization</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Products</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irradiated Foods</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Army Natick Laboratories</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bibliographies</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radappertization</td>
<td>9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Distrioution of this report is unlimited.

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FOREWORD

Numerous requests from the food industry and academic and research institutions in the United States and abroad about the status and progress made in the field of radappertized (radiation sterilized) shelf-stable foods prompted preparation of this bibliography report. This bibliography is a list of technical publications and papers by scientific and supervisory personnel of the U. S. Army Natick Laboratories (NIABS) working in or responsible for the part of the National Radiation Preservation of Food Program dealing with high dose radiation processing of pre-packaged, shelf-stable foods.

In addition, the compilation contains contractors' reports and a few selected books which were either edited or contain papers contributed by the NIABS personnel. In the book section are listed five periodic reviews of the food radiation program by the Joint Committee on Atomic Energy, Congress of the United States, which continuously encourages and supports the food irradiation program under the "Atoms for Peace" program.

The period covered by this bibliography is March 1962 through June 1973. The bibliography, subdivided into 5 groups (see contents), is arranged chronologically by the date of publication. This will allow easy updating of this report in the years ahead.

The books listed can be purchased from the publishers and copies of the patents from the U. S. Patent Office. A limited number of technical reports may be obtained from the Project Officers at the Natick Laboratories. Most of the technical papers and reprints from technical journals are available for distribution as of this time by writing to:

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<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. BOOKS.</td>
<td>1</td>
</tr>
<tr>
<td>II. TECHNICAL REPORTS.</td>
<td>3</td>
</tr>
<tr>
<td>III. PATENTS.</td>
<td>5</td>
</tr>
<tr>
<td>IV. TECHNICAL PAPERS, NIAES.</td>
<td>5</td>
</tr>
<tr>
<td>V. REPRINTS.</td>
<td>6</td>
</tr>
<tr>
<td>VI. INDEX OF AUTHORS.</td>
<td>12</td>
</tr>
</tbody>
</table>
I. BOOKS

1. REVIEW OF AEC AND ARMY FOOD IRRADIATION PROGRAMS.

2. REVIEW OF THE ARMY FOOD IRRADIATION PROGRAM.

3. RADIATION PROCESSING OF FOODS.

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RADAPPERTIZATION OF FOODS

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RADAPPERTIZATION OF FOODS

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V. REPRINTS

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44. PRESERVATION OF MEATS BY STERILIZING DOSES OF IONIZING RADIATION.

45. PRINCIPLES OF MICROBIOLOGICAL SAFETY AND STABILITY OF RADIATION-STERILIZED FOODS.

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48. RADIATION STERILIZATION OF BACON FOR MILITARY FEEDING.

49. SURVIVAL OF CLOSTRIDIUM BOTULINUM SPORES.

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52. WHOLESOMENESS OF IRRADIATED FOODS.

53. PACKAGING FOR RADIATION-STERILIZED FOODS: PRESENT STATUS.

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IN PROCESSING PLANTS IN THE UNITED STATES AND CANADA.

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Durwood B. Rowley and Florence Feeherry.

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Joseph S. Cohen and Mrs. Mary Ann Wall.

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J. S. Roth, Thomas Losty and Eugen Wierbicki.

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N. Grecz, A. A. Walker, Abe Anellis and D. Berkowitz.

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Ari Brynjolfssohn and Thomas G. Martin III.

82. ESTIMATION OF AN EQUIVALENT "12D" PROCESS BY THE NORMAL DISTRIBUTION METHOD.
Abe Anellis and Stanley Werkowski.
83. **NUCLEAR PRESERVATION OF FOOD.**

84. **INACTIVATION OF THIRTY VIRUSES BY GAMMA RADIATION.**

85. **PRODUCTION OF TYPES A AND B SPORES OF CLOSTRIDUM BOTULINUM BY THE BIPHASIC METHOD: EFFECT ON SPORE POPULATION, RADIATION RESISTANCE, AND TOXIGENICITY.**

86. **DEVELOPMENT OF IRRADIATION STERILIZED CODFISH CAKE.**

87. **COMPARISON OF PRE-COOKED IRRADIATED CHICKEN AND LAMB WITH AND WITHOUT PARTIAL DEHYDRATION.**

88. **RADIATION STERILIZATION OF PROTOTYPE MILITARY FOODS: LOW-TEMPERATURE IRRADIATION OF CODFISH CAKE, CORNED BEEF, AND PORK SAUSAGE.**

89. **EFFECT OF CONDENSED PHOSPHATES ON pH, SWELLING AND WATER-HOLDING CAPACITY OF BEEF.**

90. **QUALITATIVE AND QUANTITATIVE ASPECTS OF TRACE VOLATILE COMPONENTS IN IRRADIATED FOODS AND FOOD SUBSTANCES.**

91. **CHEMICAL AND PHYSICAL CHANGES IN FOOD PACKAGING MATERIALS EXPOSED TO IONIZING RADIATION.**

92. **THE NUTRITIONAL QUALITY OF IRRADIATED FOODS.**

93. **THE EFFECT OF GAMMA IRRADIATION AND HEATING ON THE PROTEOLYTIC ACTIVITY OF MEAT SAMPLES.**
RADAPPERTIZATION OF FOODS

94. RADIATION PRESERVATION OF FOOD: PAST, PRESENT AND FUTURE.

95. PROGRESS AND FUTURE TASKS IN FOOD IRRADIATION.

96. STORING MEAT PRODUCTS (WITHOUT REFRIGERATION) FOR SEVERAL YEARS.

97. COMPARATIVE RESISTANCE OF NONSPOROGENIC BACTERIA TO LOW-TEMPERATURE GAMMA IRRADIATION.

98. NEW ADVANCES IN IRRADIATED FOODS.
VI. INDEX TO AUTHORS
(Entry Number)

Agarwal, S. R. 87.
Anellis, A. 37, 47, 48, 49, 54, 60, 73, 80, 82, 85, 88, 97.
Angelini, P. 55, 56.
Anonyme. 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 64, 95, 96, 98.
Baker, R. W. 41.
Bazinet, M. L. 55.
Berkowitz, D. 48, 49, 60, 80, 85, 88, 97.
Bladel, B. O. 54.
Breyer, J. D. 62.
Brynjolfsson, A. 38, 40, 41, 67, 70, 71, 75, 81.
Chang, Y. 65.
Cohen, J. S. 78.
Davis, D. 52.
Deitch, J. 7, 14.
El-Bisi, H. M. 45, 60, 65.
Elleman, G. 18.
Fassolitis, A. C. 84.
Feeherry, F. 77.
Gerrard, M. 13.
Grezcz, N. 47, 48, 49, 80.
Greenberg, R. A. 54.
Halliday, J. 42.

Hansen, P. E. 18.

Harlan, J. W. 20, 25.

Heiligman, F. 21, 23, 24, 25, 26, 27, 33, 43, 50, 59, 61, 72, 74, 86, 87.

Holm, N. W. 46.

Huber, D. A. 48.

Jarboe, C. 60.

Jarrett, R. D., Sr. 42, 46, 57, 58.

Johnson, E. L. 37.

Josephson, E. S. 15, 18, 34, 35, 36, 37, 39, 41, 44, 68, 70, 75, 76, 94.

Kauffman, F. L. 20, 25.

Kemper, D. 85, 97.

Ketchum, H. W. 7, 14.

Killoran, J. J. 16, 19, 37, 41, 53, 61, 62, 63, 91.

Kittaka, R. S. 54.

Kneeland, L. E. 27, 61.

Krushchev, V. G. 13.

Landers, M. K. 72.

Larkin, E. P. 84.

Learson, R. J. 74.

Long, F. E. 19.

Losty, T. 79, 93.

Martin, T. J., III 28, 81.

McAdoo, D. J. 55, 56.

Merritt, C., Jr. 15, 41, 55, 56, 90.
Metlitskii, L. V. 13.
Meyer, R. A. 17
Nielsen, W. 92.
Osburn, J. W., Jr. 7, 14.
Payne, G. O., Jr. 16, 19.
Pedersen, A. J. 18.
Peeler, J. T. 84.
Powers, E. M. 87.
Pratt, G. B. 27, 61.
Previte, J. J. 65, 66.
Raheja, K. 52.
Raica, N., Jr. 69, 92.
Read, R. B., Jr. 84.
Reber, E. F. 52.
Rice, L. J. 83, 86.
Rogachev, V. N. 13.
Ronsivalli, L. J. 26, 74.
Roth, J. S. 79, 93.
Russell, D. R. 89.
Schneider, M. D. 48.
Scott, J. 92.
Shults, G. W. 29, 30, 31, 32, 51, 89, 93.
Simon, M. 44, 48, 72.
Sinnhuber, R. O. 23, 72.
Snyder, P. O. 47.
Spracklin, B. W. 74.
Strojan, C. 88.
Sullivan, R. 84.
Swantak, W. 88.
Thomas, M. H. 22, 37, 41, 76, 81.
Thompson, M. H. 21.
Tompkin, R. B. 54.
Wadsworth, C. K. 51, 59, 75.
Walker, A. A. 47, 80.
Wall, M. A. 78.
Waters, M. E. 21.
Werkowski, S. 73, 82.
Yu, T. C. 72.