
Creator: Cruess, W. V. (William Vere), 1886-1968

Title: William Vere Cruess Papers,

Date (inclusive): 1915-1965

Extent: 13.4 linear feet

Abstract: William Vere Cruess, a pioneer in food science and technology, spent his entire career as a University of California, Berkeley faculty member. His research was instrumental in the development of many practices in the field of food science including: mechanical fruit dehydration, the use of fruits in the production of fruit juices and fruit beverages, and the use of freezing storage for preservation of fruits and fruit products. Cruess also conducted important research on the principles of wine making and olive processing. The William Vere Cruess Papers, which span the years 1915-1965, contain writings, correspondence, memorabilia, and photographic materials related to his research in the areas of food processing, food preservation, and wine making.

Physical location: Researchers should contact Special Collections to request collections, as many are stored offsite.

Repository: University of California, Davis. General Library. Department of Special Collections.

Davis, California 95616-5292

Collection number: D-053

Language of Material: Collection materials in English

Biography

William Vere Cruess was born on August 9, 1886 in San Miguel, California to William V. and Lucy M. Withrow Cruess. He graduated with a B.S. degree in Chemistry from the University of California in 1911. In 1931 he received a Ph.D. degree in Chemistry from Stanford University. Cruess spent his entire career working at the University of California, Berkeley, serving as an Assistant in Zymology (1911-1914), as Professor of Fruit Products (1914-1934), and as Professor of Food Technology (1934-1954).

He began his work in food technology, under the direction of Professor Bioletti at the University of California, Berkeley, through the investigation of several principles of wine-making. His research on wine was halted in 1918 when the Prohibition Amendment was passed, but resumed when the 18th amendment was repealed.

During the Prohibition years, Cruess turned his research efforts to the development of fruit products. Cruess and his colleagues established the principles and specifications which led to mechanical fruit dehydration as a method of overcoming the losses suffered by farmers from rain damage during sun drying. Cruess was a pioneer in the development of the use of fruits in production of fruit juices and fruit beverages and their bases (concentrates and syrups). He was one of the first investigators in the United States to use freezing storage for preservation of fruits and fruit products.

Cruess also conducted a great deal of research on the bacteriological and chemical aspects of olive processing. He introduced the successful production of fermented green olives in California and investigated production problems and the development of new and improved olive products.

William Vere Cruess passed away on March 13, 1968.

Source:

Joslyn, M.A., Mackinney, G., and Morgan, A.F. "William Vere Cruess." *In Memoriam*. [Berkeley, Calif. : Academic Senate], 1969.

Scope and Content

The William Vere Cruess Papers, which span the years 1915-1965, contain correspondence, writings, and memorabilia, and photographic materials related to his research in the areas of food processing, food preservation, and wine making.

Letters in the Correspondence series pertain mostly to two subjects: the publication of Cruess's book *Commercial Fruit and Vegetable Products* and his 1923-1924 trip to Europe during which he studied the olive industry in France, Spain, and Italy. The Works by Cruess series contains his lecture notes as well as manuscripts and published versions of his writings. Manuscripts of his books: *Commercial Fruit and Vegetable Products* and *The Principles and Practice of Wine Making* are found in this series.

More than half of the collection is made up of photographic materials which focus on aspects of food processing. Images of wine production and wineries as well as images of William Vere Cruess are also included.

Arrangement of the Collection

Arranged into seven series: 1. Correspondence 2. Works by Cruess 3. About Cruess 4. Others Works 5. Printed Material 6. Memorabilia and 7. Photographic Materials.

Related collection

The Bancroft Library at the University of California, Berkeley also holds the W.V. Cruess Papers (3 linear feet).

Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog.

Cruess, W. V. (William Vere), 1886-1968--Archives.

University of California, Berkeley--Faculty--Archives

Canning and preserving

Olive--Preservation

Wine and wine making

Food--Preservation

Access

Collection is open for research.

Acquisition Information

Donated by Mrs. Marie Cruess in 1968.

Processing Information

Sara Gunasekara was assisted by Jenny Hodge in the processing of this collection.

Preferred Citation

[Identification of item], William Vere Cruess Papers, D-053, Department of Special Collections, General Library, University of California, Davis.

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Series 1 **Correspondence 1915-1965**

Physical Description: 47 folders

Scope and Content Note

Arranged into three subseries: Incoming, Outgoing, and Third Party.

Subseries 1.1 **Incoming 1924-1959**

Physical Description: 19 folders

Scope and Content Note

The bulk of the incoming correspondence pertains to the publication of Cruess's book *Commercial Fruit and Vegetable Products*. Arranged alphabetically by correspondent.

Box 1:1 **Aguilo, Isidro 1924 March 15**
Box 1:2 **American Optical Co. 1956 November 15**
Box 1:3 **Bausch and Lomb Optical Co. 1956 September 17**

Scope and Content Note

Includes letter from Cruess to Bausch and Lomb Optical Co.

Box 1:4 **Bolivar Packing Company 1931 March 10**
Box 1:5 **Bolivar Packing Company 1931 March 12**
Box 1:6 **Victor Coq & Fils 1924 April 3**
Box 1:7 **Gentry Serenader 1959 January 19**

Scope and Content Note

Includes letter from Gentry Serenader to Lindsay Ripe Olive Company, 1959 January 19, and letter from Cruess to Gentry Serenader, 1959 January 26.

Box 1:8 **McGraw Hill Book Company 1958 March 14**
Box 1:9 **McGraw Hill Book Company 1958 March 14**
Box 1:10 **McGraw Hill Book Company 1958 August 14**
Box 1:11 **McGraw Hill Book Company 1958 August 18**
Box 1:12 **McGraw Hill Book Company 1958 August 29**
Box 1:13 **McGraw Hill Book Company 1958 December 10**
Box 1:14 **McGraw Hill Book Company 1958 December 23**
Box 1:15 **Sala, Ramon undated**
Box 1:16 **Wine Institute Technical Advisory Committee 1955 August 23**
Box 1:17 **Unidentified 1936 July 15**
Box 1:18 **Unidentified undated**
Box 1:19 **Unidentified undated**

Subseries 1.2 **Outgoing 1915-1965**

Physical Description: 25 folders

Scope and Content Note

A number of letters by Cruess to the California Olive Association recount his 1923-1924 trip to Europe and his observations on the olive industry in France, Spain, and Italy. Arranged alphabetically by correspondent.

Box 1:20	Aguilo, Isidro 1924 May 17
Box 1:21	California Olive Association 1923 October 21
Box 1:22	California Olive Association 1923 October 30
Box 1:23	California Olive Association 1923 November 23
Box 1:24	California Olive Association 1923 November 25
Box 1:25	California Olive Association 1923 December 15
Box 1:26	California Olive Association 1923 December 22
Box 1:27	California Olive Association 1924 January 1
Box 1:28	California Olive Association 1924 January 27
Box 1:29	California Olive Association 1924 February 8
Box 1:30	California Olive Association 1924 April 2
Box 1:31	California Olive Association 1965 December 8
Box 1:32	Canner/Packer 1961 October 25
Box 1:33	McGraw Hill Book Company 1958 February 26
Box 1:34	McGraw Hill Book Company 1958 August 22
Box 1:35	Morse, Mrs. Warren M. 1921 September 3
Box 1:36	Pacific Rural Press 1924 January 5
Box 1:37	Pletcher, C.C. 1917 October 23
Box 1:38	Simonds, Mr. 1923 December 28
Box 1:39	Wickson, E. J. 1917 July 9
Box 1:40	Williams, G. H. 1915 August 8
Box 1:41	, Larry 1964 January 15
Box 1:42	, Rolf 1962 March 10
Box 1:43	Unidentified undated
Box 1:44	Unidentified undated

Subseries 1.3 **Third Party 1917-1955**

Physical Description: 3 folders

Scope and Content Note

Arranged alphabetically by author.

Box 1:45	Brown, E. M. to Louis Martini 1955 April 29
Box 1:46	Mrak, V.G. to Home Demonstration Agents of California 1946 June 22
Box 1:47	Pratt, M.B. to E.J. Wickson 1917 October 27

Series 2 Works by Cruess 1915-1965

Physical Description: 2 linear feet

Scope and Content Note

Arranged into three subseries: Manuscripts, Lecture Notes, and Published.

Subseries 2.1 Manuscripts 1924-1965

Physical Description: 1 linear foot

Scope and Content Note

Contains manuscripts for several of Cruess's books including: *Commercial Fruit and Vegetable Products* and *The Principles and Practice of Wine Making*. Also included are manuscripts for a work titled, *The fruits and other plants of Hawaii*. Manuscripts of many of Cruess's articles are also present in this subseries.

Arranged alphabetically by title.

- Box 1:48 **"Avocado Products" undated**
- Box 1:49 **"Canned Apple Sauce" undated**
- Box 1:50 **"Canned Juliene Style Clings" undated**
- Box 1:51 **"Canned Julienne Style Clings" undated**
- Box 1:52 **"Canning Fruits Without Sugar" undated**
- Box 1:53 **"Canning of Vegetables by the Lemon Juice Method" undated**
- Box 1:54 **"Carbonated Canned Fruit Juices" undated**
- Box 1:55 **"Cling Peach Sauce" undated**
- Box 1:56 **"Cling Peach Sauce" undated**
- Box 1:57 ***Commercial Fruit and Vegetable Products*, Ch. 1 "Microorganisms in Relation to Fruit and Vegetable Products" undated**
- Scope and Content Note**
- Page proofs
- Box 1:58 ***Commercial Fruit and Vegetable Products*, Ch. 2 "Brief History of Canning" undated**
- Scope and Content Note**
- Page proofs with corrections and additions
- Box 1:59 ***Commercial Fruit and Vegetable Products*, Ch. 4 "Establishing a Cannery" undated**
- Box 1:60 ***Commercial Fruit and Vegetable Products*, Ch. 4 "General Considerations in Establishing a Cannery" undated**
- Scope and Content Note**
- Page proofs with corrections and additions
- Box 1:61 ***Commercial Fruit and Vegetable Products*, Ch. 25 "Olive, Avocado, Grape Seed, and Coconut Oils" undated**
- Scope and Content Note**
- Page proofs with corrections and additions
- Box 1:62 ***Commercial Fruit and Vegetable Products*, Ch. 28 "Packing Cases and Other Packages" undated**
- Box 1:63 ***Commercial Fruit and Other Vegetable Products*, Ch. 28 "Packing Cases and Other Packages" undated**
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Box 2:1	Commercial Fruit and Vegetable Products, Ch. 30 "Wines" undated
	Scope and Content Note
	Page proofs
Box 2:2	Commercial Fruit and Vegetable Products, Ch. 31 "Pigments" undated
Box 2:3	Commercial Fruit and Vegetable Products, Ch. 31 "Plant Pigments and Related Compounds" undated
	Scope and Content Note
	Page proofs with corrections and additions
Box 2:4	Commercial Fruit and Vegetable Products, Ch. 32 "Enzymes of Fruits and Vegetables" undated
	Scope and Content Note
	Page proofs with corrections and additions
Box 2:5	Commercial Fruit and Vegetable Products, Figures undated
Box 2:6	Commercial Fruit and Vegetable Products, List of illustrations undated
Box 2:7	Commercial Fruit and Vegetable Products, Market Survey undated
Box 2:8	"Cottage Cheese with Raisins" undated
Box 2:9	"A Day at Castel Ruggiero" undated
Box 2:10	"The Drying of Summer Vegetables" undated
Box 2:11	"Effect of Small Concentrations of Sodium Hydroxide and Lye on the Color of Ripe Olive During Sterilizing" 1929 August 8
Box 2:12	"The Food Technology Department of the University of California" undated
Box 2:13	"Freezing of Quickly Perishable Fruits" 1924 March
Box 2:14	"Freezing Preservation of Fruits" undated
Box 2:15	"Freezing Preservation of Fruits" undated
Box 2:16	<i>The Fruits and Other Plants of Hawaii</i>, "Acerola Cherries" undated
Box 2:17	<i>The Fruits and Other Plants of Hawaii</i>, "California Packing Corporation Cannery, Honolulu" 1960 December 21
Box 2:18	<i>The Fruits and Other Plants of Hawaii</i>, "Coffee Growing and Processing in the Kona District, Hawaii Island" undated
Box 2:19	<i>The Fruits and Other Plants of Hawaii</i>, "Dole Co. (Hawaiian Pineapple Co. Ltd.)" undated
Box 2:20	<i>The Fruits and Other Plants of Hawaii</i>, "Guava Products" undated
Box 2:21	<i>The Fruit and Plants of Hawaii</i>, "Hawaiian Coffee" undated
Box 2:22	<i>The Fruits and Other Plants of Hawaii</i>, "Hawaiian Pineapple" 1961 May
Box 2:23	<i>The Fruits and Other Plants of Hawaii</i>, "Kona Coffee" undated
Box 2:24	<i>The Fruits and Other Plants of Hawaii</i>, "Libby, McNeill and Libby Co., Honolulu" 1960 December
Box 2:25	<i>The Fruits and Other Plants of Hawaii</i>, "Macadamia Nuts in Hawaii" undated
Box 2:26	<i>The Fruits and Other Plants of Hawaii</i>, "Macadamia Nuts, Passion Fruit, Guava, and Acerola Cherries, Hawaii" 1960 December
Box 3:1	<i>The Fruits and Other Plants of Hawaii</i>, "Mangoes" undated
Box 3:2	<i>The Fruits and Other Plants of Hawaii</i>, Notes on Pineapple from "All About Hawaii" undated
Box 3:3	<i>The Fruits and Other Plants of Hawaii</i>, "Passion Fruit" undated
Box 3:4	<i>The Fruits and Other Plants of Hawaii</i>, "Passion Fruits and Guava Products in Hawaii" undated
Box 3:5	<i>The Fruits and Other Plants of Hawaii</i>, "Pineapple Research Institute, Honolulu and General Notes On Pineapple" undated
Box 3:6	<i>The Fruits and Other Plants of Hawaii</i>, "Processing Three Fruits of Hawaii" undated
Box 3:7	<i>The Fruits and Other Plants of Hawaii</i>, "Sugar Planters Research Station, Honolulu" undated
Box 3:8	Review of <i>Fruit and Vegetable Preservation in India</i> undated
Box 3:9	"Fruit and Vegetables Products Research at University of California" undated
Box 3:10	"Fruit Cola Beverages" undated
Box 3:11	"Fruit Dehydration," Notes undated
Box 3:12	"Fruit Juices" undated
Box 3:13	"Fruit Power Experiments" undated
Box 3:14	"The Fruit Product Department of the University of California" undated

Box 3:15	"Further Experiments on Flavoring Ripe Olives" undated
Box 3:16	"Further Observations on Retention of Color in Ripe Olives" undated
Box 3:17	"The Golden Grapes of Almeria" undated
Box 3:18	"The Greater Felcourt Farm" undated
Box 3:19	"The Green Olive of Seville" undated
Box 3:20	"Historical Notes on the Food Technology Department" undated
Box 3:21	"Jellies and Jelly Stocks" undated
Box 3:22	"Kippered Walnuts and Almonds" undated
Box 3:23	"Lists of Books Donated to the Library at Davis" 1959-1961
Box 3:24	"A New Type of Prune Juice" undated
Box 3:25	"New Walnut Products" undated
Box 3:26	"Notes for Talk at Olive Technical Committee" 1965 October 1
Box 3:27	"Notes on Hop Drying, 1940 Season" undated
Box 3:28	"Notes on the Development of Food Technology at University of California" undated
Box 3:29	"Observations on the Salting and Smoking of Fish" undated
Box 3:30	"The Olive in Seville" undated
Box 3:31	"Other Outlets for Raisins" undated
Box 3:32	"Other Uses for Peaches" undated
Box 3:33	"Other Uses for Raisins" undated
Box 3:34	"The Oxidase of the Olive" undated
Box 3:35	"Oxidizing Enzymes" 1951 February 2
Box 3:36	"A Pear Product" undated
Box 3:37	"A Pear Product" undated
Box 3:38	"Pickling and Canning Ripe Olives" undated
Box 3:39	"Plant Production Snags" undated
Box 3:40	<i>The Principles and Practice of Wine Making</i> , "Bacterial Spoilage" undated
Box 3:41	<i>The Principles and Practice of Wine Making</i> , "By Products"
Box 3:42	<i>The Principles and Practice of Wine Making</i> , "Molds and Yeasts" undated
Box 4:1	<i>The Principles and Practice of Wine Making</i> , "Non Bacterial Spoilage" undated
Box 4:2	<i>The Principles and Practice of Wine making</i> , "Sherry" undated
Box 4:3	"Processing Problems of Early Days" undated
Box 4:4	"Prune Concentrate" undated
Box 4:5	"Prune Utilization Investigations" 1960 November 11
Box 4:6	"Quality Control" undated
Box 4:7	"Raisin Candy Investigations" undated
Box 4:8	"Raisins in Cooked Cereals" undated
Box 4:9	"Raisin Product Studies: A Progress Report" undated
Box 4:10	"Raisin Utilization Investigations" undated
Box 4:11	"Recollections of the Past" undated
Box 4:12	"Reminiscences of Early Development in Food Technology at the University of California" undated
Box 4:13	"The Role or Place of New Canned Fruit Products" undated
Box 4:14	"The Role or Place of New Canned Fruit Products" undated
Box 4:15	"Sherry Survey - Technical Advisory Committee" 1955-1956
Box 4:16	"Sicily and its Lemons" undated
Box 4:17	"Smoked Olives" undated
Box 4:18	"Smoked Walnuts" undated
Box 4:19	"Smoked Walnuts and Almonds" undated
Box 4:20	"Some Experiments on Olive Processing" 1967 June 27
Box 4:21	"Studies and Observations Made During the Past Year" undated
Box 4:22	"Studies on Raisin Utilization" undated
Box 4:23	"Summary" undated
Box 4:24	"Summary of Activities of W.V. Cruess on Sabbatical Leave" 1923 November 1-1924 May 1
Box 4:25	"Summary of Food Technology in the University Before 1911" undated
Box 4:26	"Summary, Some Recollections of the Past" undated
Box 4:27	"Tomato Paste" undated
Box 4:28	"The Use of Raisins in Pudding Mixes" undated
Box 4:29	"The Utilization of Fruits in Food Products" undated
Box 4:30	"Valencia" undated

Box 4:31 "Wine," notes for American Society of Enologists undated

Subseries 2.2 Lecture Notes 1926-1952

Physical Description: 0.6 linear feet**Scope and Content Note**

Contains notes Cruess used for his lectures, many are for his Fruit Products 115a laboratory course. Arranged alphabetically by title.

Box 4:32 "Colorimetry" undated
 Box 4:33 "Conductivity" 1933
 Box 4:34 "Examination of Spoiled Canned Foods undated
 Box 4:35 "Fruit Grades" undated
 Box 4:36 "General" 1940
 Box 5:1 "Juices" undated
 Box 5:2 "Non Bacterial Diseases" undated
 Box 5:3 "Olives" undated
 Box 5:4 "Oxidase" 1932
 Box 5:5 "Polariscope" 1931
 Box 5:6 "Problem Sets for Fruit Products, 115A" 1931-1938
 Box 5:7 "Refractometer" undated
 Box 5:8 "Temperature Measurement" undated
 Box 5:9 "Theory of an Electrode" undated
 Box 5:10 "Tomato Products" 1937-1941
 Box 5:11 "Tomato Products, Solids" 1926
 Box 5:12 Various 1930-1951
 Box 5:13 "Viscosity" 1933-1937
 Box 5:14 "Wine" 1939
 Box 6:1 "Wine Analysis" undated
 Box 6:2 "Yeasts" undated

Subseries 2.3 Published 1915-1958

Physical Description: 0.4 linear feet**Scope and Content Note**

Contains published works by Cruess, the majority of which are articles. Arranged alphabetically by title.

Box 6:3 "Analytical Procedures Examined," by Lyman Cash and W. V. Cruess, published in *Wines and Vines* 1949 October
 Box 6:4 "Canning Egg Plant and Corn," published in *Pacific Rural Press* undated
 Box 6:5 "Canning Pimientos," published in *Pacific Rural Press* 1915 October 9
 Box 6:6 "Carbonated Fruit Juices in Cans," by Ralph Celmer and W. V. Cruess, published in *The Fruit Products Journal and American Vinegar Industry* 1937 April
 Box 6:7 "Changes in Olive Composition during Processing," by W. V. Cruess, A. El Saifi, and E. Develter, published in *Industrial and Engineering Chemistry* 1939 August
 Box 6:8 "Citrus Growers, Read About Sicily and Cheer Up!," published in *Orchard and Farm* 1924 April 27
 Box 6:9 "A Day With Olive Experts At Castel Ruggiero," published in *Pacific Rural Press* 1924 April 19
 Box 6:10 "The Drying of Tomatoes, Green Peas, and Corn," published in *Farm Bureau Monthly* undated
 Box 6:11 "Estudio de los Diversos Factores Que Intervienen en el Salado y Ahumado de Pescado," by Cho-Teng Yu and W. V. Cruess, published in *Industria Conservera* 1952 February
 Box 6:12 "Experiments on Almond Products," by W. V. Cruess, John Brekke, and Henry Seagrave-Smith undated
 Box 6:13 "Experiments on Lye Treatments in Ripe Olive Pickling," published in *The Fruit Products Journal and American Food Manufacturer* 1946 November

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- Box 6:14 "Factors Affecting the Stability of Color of Canned Ripe Olives," published in *Food Technology* 1952
- Box 6:15 "Fresh and Canned Fruit in the Spanish Diet," published in *Pacific Rural Press* 1924 March 8
- Box 6:16 "Frozen Concentrate Makes Fresh Lemonade," by W. V. Cruess, H. Seagrave-Smith, and I. G. A. Glazewski, published in *Quick Frozen Foods* 1947 April
- Box 6:17 "Frozen Pack Prune Concentrate," by W. V. Cruess, Anna Gibson, George Chong, and William Rivera undated
- Box 6:18 "Further Observations on Citrus Fruit Production in Sicily," published in *Orchard and Farm* 1924 May 4
- Box 6:19 "Glimpses of Spanish Agriculture," published in *Pacific Rural Press* 1923 December 15
- Box 6:20 "The Golden Grapes of Almeria: Their Culture," published in *Pacific Rural Press* 1924 February 16
- Box 6:21 "The Green Olive of Seville," published in *Canning Age* 1924 July
- Box 6:22 "Home Canning: Fruits and Vegetables," published in *Pacific Rural Press* 1915 May 22-July 3
- Box 6:23 "The Home Pickling of Olives," by W. V. Cruess and Reese H. Vaughn 1948 September
- Box 6:24 "Home Pickling of Ripe Olives" undated
- Box 6:25 "Homemade Fruit Candies" by W. V. Cruess and Florence Pen 1951 June
- Box 6:26 "Homemade Fruit Candies" undated
- Box 6:27 "Homemade Olive Oil" 1946 April
- Box 6:28 "Homemade Olive Oil," published in *One Sheet Answers* 1953
- Box 6:29 "How California Wines are Made," by W. V. Cruess and C. R. Havighorst, published in *Food Industries* 1948 April
- Box 6:30 "Improvement of California Wines Since Repeal," published in *California Journal of Development* 1936 July
- Box 6:31 "Juice of Fresh Prunes" 1950 July 20
- Box 6:32 "Juice of Fresh Prunes," by W. V. Cruess, George Chong, William Rivera, and Anna Gibson undated
- Box 6:33 "Kippered Fresh and Frozen Meats" undated
- Box 6:34 "Latest Experiments Reported on Frozen Meats," by W. V. Cruess and A. A. Rasheed, published in *Frozen Food Industry and Locker Plant Journal* 1948 April
- Box 6:35 "New Canned Lima Bean Products," by W. V. Cruess and Dorothy Low undated
- Box 6:36 "New Grape Syrups," published in *Cultivator* 1919 June 21
- Box 6:37 "New Walnut Products," by W. V. Cruess, D. Musco, and Patricia Wong, published in *Western Canner and Packer* 1953 September
- Box 6:38 "Observations on Brining and Candying of Citron," by W. V. Cruess and D. Glickson undated
- Box 6:39 "Observations on Certain Film Forming Yeasts," by L. H. Hohl and W. V. Cruess 1939
- Box 6:40 "Observations on the Browning of Canning Peaches," by W. V. Cruess, E. M. Mrak and P. J. Quin undated
- Box 6:41 "Old Spain," published in *The California Countrymen* 1924 March
- Box 6:42 "The Olive as Produced in Seville," published in *Pacific Rural Press* 1924 January 12
- Box 6:43 "Pickling Green Olives," published as Bulletin (California Agricultural Experiment Station); no. 498. 1930 October
- Box 6:44 "Principles of Food Preservation," published in *Pacific Rural Press* 1915 May 8
- Box 6:45 "Problems and Topics of Interest to Olive Processors" undated
- Box 6:46 "Procedes de Conservation des Olives en Californie" 1958
- Box 6:47 "Raisin Hot Cakes," by W. V. Cruess and Patricia Wong undated
- Box 6:48 "Reminiscences and Review" 1955 February 4
- Box 6:49 "The Role of Enzymes in Olive Processing," published in *The Fruit Products Journal and American Food Manufacturer* 1947 October
- Box 6:50 "Shoe String (Julienne) Dried Apples," by W. V. Cruess and William Rivera undated
- Box 6:51 "Storage Experiments with Pickled Olives," by W. V. Cruess, R. Vaughn, and R. Gililand, published in *The Fruit Products Journal* 1942 October
- Box 6:52 "Some Pickling Recipes" undated
- Box 6:53 "Time Table for Canning in the Home," published in *Pacific Rural Press* 1918 July 20
- Box 6:54 "Time Tables for Fruit and Vegetable Canning," published in *California Cultivator* 1921 August 6
- Box 6:55 "A Visit to a Modern English Farm," published in *Pacific Rural Press* 1924 April 26
- Box 6:56 "Walnut Bleaching on a Small Scale," published in *One Sheet Answers* 1955 February
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Series 3 **About Cruess 1917-1959**

Physical Description: 7 folders

Scope and Content Note

Contains clippings and programs that feature Cruess.

Box 6:57	Clipping: "Canning Hints Offered by U.C." undated
Box 6:58	Clipping: "Fourth Victim, Nurse Russell, Near to Death" undated
Box 6:59	Clipping: "New Methods of Canning Fruits Given By U.C.," published in <i>Berkeley Daily Gazette</i> 1917 January 15
Box 6:60	Clipping: "Ranch, Home, Garden," published in <i>San Jose Mercury News</i> 1950 January 22
Box 6:61	Program: Food Processors Conference 1948 January 5
Box 6:62	Program: Forty Niner Service Award Presentation to Dr. W. V. Cruess 1959 February 20
Box 6:63	Program: Institute of Food Technologists Conference 1944 May 28

Series 4 Others Works 1933-1953

Physical Description: 11 folders

Scope and Content Note

Arranged alphabetically by author.

Box 7:1	Lafoon, Sidney, "Arrack Manufacture in Iraq" 1933 November 9
Box 7:2	Musco, D., K. Yanase, and L.J. Lee, "Raisin Syrup Investigations" 1953 July 13
Box 7:3	Nichols, P.F., "Walnut Dehydration Studies" undated
Box 7:4	The Staff, "Christmas 1945" 1945
Box 7:5	Unidentified, "Notes on fruit juices" undated
Box 7:6	Unidentified, "Notes on Prunes" undated
Box 7:7	Unidentified, "Produccion de Pimientos en Conserva" undated
Box 7:8	Unidentified, "References" undated
Box 7:9	Unidentified, "Report Concerning Electric Pasteurization of Wine" undated
Box 7:10	Unidentified, "Review of Long Ashton Research Station, Jubilee" 1953
Box 7:11	Unidentified, Unknown Title undated

Series 5 Printed Material 1919-1962

Physical Description: 0.6 linear feet

Scope and Content Note

Arranged into six subseries: Bulletins/Leaflets, Papers, Proceedings, Recipes, Reprints, and Serials.

Subseries 5.1 **Bulletins/Leaflets 1919-1957**

Physical Description: 26 folders

Scope and Content Note

Arranged alphabetically by title.

Box 7:12	The Art of Wine Making undated
Box 7:13	Basilio Gomez Tornero Doble Equis Label undated
Box 7:14	The Best of Everything for the Food Processor, one page excerpt from undated
Box 7:15	California's Most Important Juice Grape Varieties 1924
Box 7:16	Canned Fruits and Vegetables, Statistics 1950 February
Box 7:17	Estudios Sobre el Aderezo de Aceitunas Verdes. VII. Efectos del Tratamiento con Lejia 1952
Box 7:18	Food Chart undated
Box 7:19	Frozen Food Industries Information Series No. 1 1946 April 15
Box 7:20	Home Canning 1957 July
Box 7:21	Home Drying Fruits and Vegetables undated
Box 7:22	Homemade Wines 1956
Box 7:23	An Interesting Physiological Effect of Raisins undated
Box 7:24	For Large Scale Blanching, Salting, Roasting and Toasting of California Almonds 1928
Box 7:25	More Flavorful Frozen Green Peas undated
Box 7:26	Nominees for... undated
Box 7:27	Preparations and Uses of Frozen Fruit and Vegetable Purees undated
Box 7:28	Problems Involved in the Marketing of California Canned Peaches 1929
Box 7:29	Processes for Low-Acid Canned Foods in Metal Containers 1946 March
Box 7:30	Sales Promotion Committee's Report 1931 May
Box 7:31	Suggestions for Authors undated
Box 7:32	To Preserve Cucumbers undated
Box 7:33	The Truth About the Almond Situation 1943 September
Box 7:34	University of California College of Agriculture, Agricultural Experiment Station, Various Leaflets 1919-1953
Box 7:35	Velva Fruit, A New Frozen Fruit Dessert 1944 February
Box 7:36	Walnut Bleaching 1941 October 1
Box 7:37	The Weston Levine Vitamin Chart 1940

Subseries 5.2 **Papers 1946-1962**

Physical Description: 8 folders

Scope and Content Note

Contains papers presented by individuals at conferences and sArranged alphabetically by author.

Box 7:38	Ballantyne, George, "Refrigeration Problems in Freezing and Storage" 1946 April 20
Box 7:39	Boggs, Mildred, "Notes on Paper 'Precooked Frozen Foods' " 1946 April 20
Box 7:40	Danenber, Danny, "Panel Remarks at the Symposium on the Future of California Agriculture" 1962 February 16
Box 7:41	Fessler, Julius H., "Sterile Filtration vs. Pasteurization" 1949 May 27

Subseries 5.2 Papers 1946-1962

Box 7:42 Knott, J.E., "Selection, Harvesting and Handling Vegetables for Freezing" 1946 April 19-20
Box 7:43 Perry, R.L., "Steam and Its Duties" 1950
Box 7:44 Symposium of the Future of California Agriculture, Papers presented at 1962 February 15-16
Box 7:45 Tufts, Warren P., "Selecting, Harvesting and Handling Fruits Freezing" 1946 April 19

Subseries 5.3 Proceedings 1948-1955

Physical Description: 3 folders

Scope and Content Note

Arranged alphabetically by title.

Box 8:1 Fruit and Vegetable Preservation Industry in India 1956
Box 8:2 Master Brewers Association of America, Forty Eighth Annual Convention 1955 September 25-28
Box 8:3 Yeasts in Feeding, a Symposium 1948 November 8-10

Subseries 5.4 Recipes 1953

Physical Description: 8 folders

Scope and Content Note

Arranged alphabetically by title.

Box 8:4 Canned Frozen Prune Concentrate undated
Box 8:5 Canned Peach Sauce by Improved Procedure undated
Box 8:6 Homemade Wines 1953 September
Box 8:7 Papaya Chutney undated
Box 8:8 Spanish Almond Turrón undated

Subseries 5.5 Reprints 1930-1951

Physical Description: 7 folders

Scope and Content Note

Arranged alphabetically by author.

Box 8:9 Ball, R.N., Ed. Van Dellen and J.B. Jaquith, "Experimental Bulk Fermentation of California Green Olives" 1950
Box 8:10 Bioletti, Frederic T., "Conditioning Wine Containers" undated
Box 8:11 Borehardt, L.F. and W.B. Reynolds, "Food and your Future, An Introduction with Two Research Vice Presidents" undated
Box 8:12 Gililland, J. Richard and Reese H. Vaughn, "Characteristics of Butyric Acid Bacteria From Olives" 1943 October
Box 8:13 Kalogereas, Socrates, "Freezing Foods for Home Use" 1946 June
Box 8:14 Nichols, P.F., "Variations in Content of Sugars and Related Substances in Olives" 1930 July 1
Box 8:15 Scheffer, W.R. and E.M. Mrak, "Charateristics of Yeast Causing Clouding of Dry White Wines" 1951 March

Subseries 5.6 Serials 1927-1957

Physical Description: 17 folders

Scope and Content Note

Arranged alphabetically by title.

Box 8:16	<i>Boletín Mensual de Olivicultura y Elaboracion Moderna de Aceites de Oliva</i> 1927
Box 8:17	<i>California Agriculture</i> 1950 June
Box 8:18	<i>California Cultivator</i> 1939 April 22
Box 8:19	<i>Fig Research</i> 1952 October
Box 8:20	<i>Food Industries</i> 1949 July
Box 8:21	<i>Food Manufacture</i> 1932 October
Box 8:22	<i>The Fruit Products Journal</i> 1930-1941
Box 8:23	<i>Idea and Experiment: A University at Work</i> 1954 September
Box 8:24	<i>The I.F.T. Hornblower</i> 1948 August
Box 8:25	<i>Minutes of the Berkeley Division of the Academic Senate</i> 1957 November 18
Box 8:26	<i>Pacific Rural Press</i> 1930-1942
Box 8:27	<i>Refrigerating Engineering</i> 1932 August
Box 9:1	<i>Technical Association of the Pulp and Paper Industry Monograph Series</i> 1944-1955
Box 9:2	<i>Wallerstein Laboratories Communications</i> 1942 April
Box 9:3	<i>Western Canner and Packer</i> 1929 September; 1955 September
Box 9:4	<i>Western Frozen Foods</i> 1940 May
Box 9:5	<i>Wines and Vines</i> 1938 April

Series 6 **Memorabilia 1925-1965**

Physical Description: 1.8 linear feet

Scope and Content Note

Arranged into two subseries: Awards and certificates and Medal and plaques.

Subseries 6.1 **Awards and certificates 1925-1965**

Physical Description: 0.8 linear feet

Box 10:1	Academia Italiana Della Vite e del Vino 1951 September
Box 9:6	American Academy of Microbiology 1958 January 1
Box 9:7	American Association for the Advancement of Science 1930 December 31
Box 9:8	American Association for the Advancement of Science 1943 November 11
Box 9:9	American Society of Enologists 1965 June 26
Box 10:2	American Society of Refrigerating Engineers 1944 November 30
Box 9:10	Associates Food and Container Institute 1948 December 30
Box 9:11	Associates Food and Container Institute, Research and Development 1951 July 1
Box 9:12	The Babcock-Hart Award of the Institute of Food Technologists 1955
Box 10:3	California Fig Institute 1951 March 15
Box 10:4	California Raisin Advisory Board undated
Box 10:5	Fresno County Farm Bureau 1955 April 27
Box 9:13	Guinea Pig Club undated
Box 9:14	Merite Agricole 1932 August 25
Box 10:6	Merite Agricole 1949
Box 9:15	New York Academy of Sciences 1962 November 29
Box 9:16	Phi Tau Sigma Honorary Society 1954 May 15
Box 9:17	Quartermaster Food and Container Institute for the Armed Forces 1948 January
Box 10:7	Quartermaster General Military Planning Division 1945 December 15
Box 9:18	Quartermaster Subsistence Research and Development Laboratory undated
Box 10:8	United States Patent Office 1925 April 7
Box 9:19	University of California, California Alumni Association undated
Box 10:9	William V. Cruess Scholarship Fund 1965
Box 9:20	Wine Institute 1936 November 1

Subseries 6.2 **Medal and Plaques 1939-1959**

Physical Description: 1 linear foot

Box 11	American Society of Enologists Plaque 1956
Box 11	Forty Niners Service Award Plaque 1959 February 20
Box 9:21	Golden Gate International Exposition, American Bottlers of Carbonated Beverages, Medal 1939

Series 7 **Photographic Materials 1915-1965**

Physical Description: 9 linear feet

Scope and Content Note

Contains photographs, negatives, and some 35mm slides. The majority of the images focus on various aspects of growing and processing fruits and vegetables.

Arranged into six subseries by subject: William V. Cruess, Food Science and Technology Building at the University of California, Davis, Food processing, Travel, Wine production and wineries, and Various.

Subseries 7.1 **Cruess, William Vere 1915-1965**

Physical Description: 26 folders

Scope and Content Note

Contains images of William Vere Cruess.

Arranged alphabetically.

- Box 12:1 **Cruess at a dinner with Stanley Freeborn and M. Copley 1953**
Physical Description: 1 print, 1 negative
- Box 12:2 **Cruess at two different dinner events undated**
Physical Description: 2 prints
- Box 12:3 **Cruess demonstrating the manufacture of grape juice to students at the University Farm, Davis? 1915 November 1**
Physical Description: 4 prints
- Box 34:1 **Cruess demonstrating the manufacture of grape juice to students at the University Farm, Davis? 1915 November 1**
Physical Description: 1 glass plate negative
- Box 34:2 **Cruess demonstrating the manufacture of grape juice to students at the University Farm? 1915 November 1**
Physical Description: 1 glass plate negative
- Box 12:4 **Cruess in a group photograph of the California Olive Association 1926 May 20**
Physical Description: 1 print
- Box 12:5 **Cruess in a group photograph of the California Olive Association 1938 May 27**
Physical Description: 1 print
- Box 12:6 **Cruess in front of unidentified building undated**
Physical Description: 1 print
- Box 12:7 **Cruess in Hawaii? undated**
Physical Description: 7 prints
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Box 12:8	Cruess in his study? undated Physical Description: 1 print, 1 negative
Box 12:9	Cruess in laboratory undated Physical Description: 3 prints, 1 negative
Box 34:3	Cruess in laboratory undated Physical Description: 1 glass plate negative
Box 34:4	Cruess in laboratory undated Physical Description: 1 glass plate negative
Box 34:5	Cruess in laboratory undated Physical Description: 1 glass plate negative
Box 12:10	Cruess in laboratory performing grape juice tests undated Physical Description: 1 print
Box 34:6	Cruess in laboratory performing grape juice tests undated Physical Description: 1 glass plate negative
Box 34:7	Cruess in laboratory performing olive pickling experiments undated Physical Description: 1 glass plate negative
Box 34:8	Cruess in laboratory preparing pure wine yeast undated Physical Description: 1 glass plate negative
Box 12:11	Cruess in posed photograph with a scrapbook; Cruess with unidentified man 1965 Physical Description: 2 prints
Box 12:12	Cruess in posed photograph with his wife? 1965 Physical Description: 1 print, 1 negative
Box 12:13	Cruess judging wine at the California State Fair 1937 September Physical Description: 1 print, 1 negative
Box 12:14	Cruess portrait undated Physical Description: 1 print
Box 12:15	Cruess tasting wine undated Physical Description: 1 print, 1 negative
Box 12:16	Cruess with drying equipment at the University Farm, Davis? undated Physical Description: 1 print
Box 12:17	Cruess with experimental canned fruits and vegetables 1959 Physical Description: 1 print, 1 negative

Box 12:18 **Various Cruess images undated**
Physical Description: 12 negatives

Box 12:19-35 Subseries 7.2 **Food Science and Technology Building, University of California, Davis 1950-1951**

Physical Description: 22 prints, 24 negatives

Scope and Content Note

Contains photographs and negatives of the construction of the Food Science and Technology Building on the Davis campus. On March 19, 1960 the Food Science and Technology Building was named in honor of William Vere Cruess.

Subseries 7.3 **Food processing 1915-1957**

Physical Description: 6 linear feet

Scope and Content Note

Contains images of different aspects of food processing, from harvesting to production. The majority of the images focus on fruits and vegetables. Arranged alphabetically by food or piece of equipment.

Box 12:36 **Acid brine method undated**
Physical Description: 3 prints, 2 negative

Box 12:37 **Agitating cooker, experimental undated**
Physical Description: 1 print

Box 12:38 **Agitating cooker, round shell undated**
Physical Description: 1 print

Box 12:39 **Air blast undated**
Physical Description: 1 print, 1 negative

Box 12:40 **Almond packaging 1946**
Physical Description: 1 print

Box 12:41-49 **Almond processing 1946**
Physical Description: 9 prints, 8 negatives

Box 13:1 **Anemometer undated**
Physical Description: 1 print

Box 13:2 **Apple orchards and roadside stand in Sonoma County, California undated**
Physical Description: 2 prints, 1 negative

Box 13:3 **Apple sauce cannery 1953**
Physical Description: 12 negatives

- Box 13:4 **Apple sauce cannery: bins of apples undated**
Physical Description: 1 print
- Box 13:5 **Apple sauce cannery: continuous drum dehydrator for waste peels and cores undated**
Physical Description: 1 print
- Box 13:6 **Apple sauce cannery: cooling cans of apple sauce in running water undated**
Physical Description: 1 print
- Box 13:7 **Apple sauce cannery: pressing peels and cores undated**
Physical Description: 1 print
- Box 13:8 **Apple sauce cannery: quality control inspection station undated**
Physical Description: 1 print
- Box 13:9 **Apple sauce cannery: trimming peeled apples for sauce undated**
Physical Description: 1 print
- Box 13:10 **Apple sauce cannery: vinegar generators undated**
Physical Description: 1 print
- Box 13:11 **Apples, peels and cores at Jones Vinegar Co., Watsonville, California undated**
Physical Description: 1 negative
- Box 13:12 **Apricot pits drying 1947 July**
Physical Description: 2 prints, 3 negatives
- Box 13:13 **Apricot pulp, canned undated**
Physical Description: 3 prints, 2 negatives
- Box 13:14-18 **Asparagus undated**
Physical Description: 18 prints, 20 negatives
- Box 13:19 **Asparagus, blancher and fumer undated**
Physical Description: 1 print, 1 negative
- Box 13:20 **Asparagus, blanching baskets and tanks undated**
Physical Description: 1 print
- Box 13:21 **Asparagus, chilling boxes in cold water undated**
Physical Description: 1 print, 1 negative
- Box 13:22 **Asparagus, cooling undated**
Physical Description: 2 prints

Box 13:23	Asparagus, cut spears in field undated Physical Description: 3 print, 5 negatives
Box 13:24	Asparagus, cutting at shed in field undated Physical Description: 1 print
Box 13:25	Asparagus, cutting in field undated Physical Description: 4 prints, 3 negatives
Box 13:26	Asparagus, grading and sterilizing undated Physical Description: 2 prints
Box 13:27	Asparagus, hauling in Rio Vista, California undated Physical Description: 3 prints, 2 negatives
Box 13:28	Asparagus, ice for cooling undated Physical Description: 1 print
Box 13:29	Asparagus, irrigation plant for undated Physical Description: 1 print
Box 13:30	Asparagus, load for cutting shed undated Physical Description: 1 print, 1 negative
Box 13:31	Asparagus, retorts in cannery undated Physical Description: 1 print
Box 13:32	Asparagus, sorting and canning undated Physical Description: 1 print
Box 13:33	Asparagus, transporting to field shed undated Physical Description: 2 prints
Box 13:34	Asparagus, unloading boxes of at washing and cutting shed undated Physical Description: 1 print, 1 negative
Box 13:35	Balling hydrometer and cylinder undated Physical Description: 1 print
Box 13:36	Balling hydrometer, cylinder, and thermometer undated Physical Description: 1 print
Box 13:37	Blancher and dehydrator 1942 December Physical Description: 6 prints, 4 negatives
Box 13:38	Blancher for vegetables undated Physical Description: 2 prints

- Box 13:39 **Box testing drum undated**
Physical Description: 1 print
- Box 13:40 **Cabbages 1943 July**
Physical Description: 2 prints, 3 negatives
- Box 13:41 **California Packing Corporation, Emeryville undated**
Physical Description: 2 prints, 5 negatives
Scope and Content Note
Includes photograph and negative of boxes of canned fruit salad.
- Box 14:1 **California Packing Corporation, Santa Ana; Curtis Corporation undated**
Physical Description: 6 prints, 17 negatives
- Box 14:2 **Can drainer and syruping machine undated**
Physical Description: 1 print
- Box 14:3 **Can labeling machine undated**
Physical Description: 1 print
- Box 14:4 **Can processor undated**
Physical Description: 1 print
- Box 14:5 **Can sealing machines undated**
Physical Description: 2 prints
- Box 14:6 **Can syrupers undated**
Physical Description: 3 prints
- Box 14:7 **Can unscrambler undated**
Physical Description: 2 prints
- Box 14:8 **Candy, cast in starch 1950**
Physical Description: 1 prints, 5 negatives
- Box 14:9 **Candy, homemade undated**
Physical Description: 4 prints, 4 negatives
- Box 14:10 **Canned and bottled fruits undated**
Physical Description: 5 prints, 1 negative
- Box 14:11 **Canned foods, spin cooler undated**
Physical Description: 1 print
- Box 14:12 **Cannery, Lincoln 1923**
Physical Description: 13 negatives
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Box 14:13	Cannery, Modesto undated Physical Description: 7 negatives
Box 14:14	Cannery, Puccinelli 1952? Physical Description: 8 prints
Box 14:15	Cannery, Puccinelli 1952? Physical Description: 16 negatives
Box 14:16	Canning equipment undated Physical Description: 16 negatives
Box 14:17	Canning equipment undated Physical Description: 16 negatives
Box 14:18	Canning equipment undated Physical Description: 8 prints, 4 negatives
Box 34:9	Capping undated Physical Description: 1 glass plate negative
Box 15:1	Carton filler for frozen foods undated Physical Description: 1 print
Box 15:2	Carton with triple thickness cellophane inner bag undated Physical Description: 1 print
Box 15:3	Centrifugal separators undated Physical Description: 1 print
Box 15:4	Centrifuge basket undated Physical Description: 1 negative
Box 15:5	Centrifuge, basket, for separation of ice and syrup undated Physical Description: 1 print
Box 15:6	Centrifuge used in Fruit Products Laboratory undated Physical Description: 1 print
Box 15:7	Cherries? undated Physical Description: 3 negatives
Box 15:8	Cherries? undated Physical Description: 7 prints

- Box 15:9 **Cherry pitter, Eugene Fruit Product Co., Eugene, Oregon undated**
Physical Description: 1 print
- Box 15:10 **Cider and grape juice pastuerizer undated**
Physical Description: 1 print
- Box 15:11 **Condenser, Kingsburg, California undated**
Physical Description: 1 print, 1 negative
- Box 15:12 **Conical screw expeller press for pulping whole fruits for use in ice cream undated**
Physical Description: 1 print
- Box 15:13 **Cooling tower for condenser water undated**
Physical Description: 1 print
- Box 15:14 **Corn, batch mixer for cream style undated**
Physical Description: 1 print
- Box 15:15 **Cranberries, harvesting undated**
Physical Description: 5 prints
- Box 15:16 **Cutting machine for pea or lima bean vines undated**
Physical Description: 1 print
- Box 15:17 **Date palms with ripening dates covered with paper undated**
Physical Description: 1 print
- Box 15:18 **Dehydration undated**
Physical Description: 12 negatives
- Box 15:19 **Dehydration equipment undated**
Physical Description: 6 prints, 4 negatives
- Box 15:20-21 **Dehydration of fruits undated**
Physical Description: 21 prints, 25 negatives
- Box 34:10 **Dehydrator at the University Farm, Davis undated**
Physical Description: 1 glass plate negative
- Box 33:3 **Dehydrator, for a laboratory undated**
Physical Description: 1 glass plate negative
- Box 15:22 **Dehydrator, for a laboratory, built for the Canadian government undated**
Physical Description: 2 prints
- Box 15:23 **Dehydrator, tunnel undated**
Physical Description: 1 print
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- Box 15:24 **Dipper, a section of the University Farm dipper undated**
Physical Description: 1 print
- Box 33:1 **Dipper, a section of the University Farm dipper undated**
Physical Description: 1 glass plate negative
- Box 15:25 **Disc fan used as a suction fan at the University Farm, Davis 1919**
Physical Description: 1 print
- Box 15:26 **Dried fruits and vegetables undated**
Physical Description: 10 prints, 10 negatives
- Box 15:27 **Edge runner, Mt. Ida Co. undated**
Physical Description: 1 negative
- Box 34:11-13 **Equipment undated**
Physical Description: 3 glass plate negatives
- Box 34:14 **Fan on the dehydrator at the University Farm, Davis undated**
Physical Description: 1 glass plate
- Box 15:28 **Figs, Beckwith Fig Co., Reedley, California 1923 August**
Physical Description: 3 prints, 1 negative
- Box 15:29 **Figs, Blue Ribbon Fig Cannery, Fresno, California 1921**
Physical Description: 7 negatives
- Box 15:30 **Figs, Fresno 1940 September**
Physical Description: 2 prints, 1 negative
- Box 15:31 **Figs, preserving and canning, California Peach and Fig Growers, Dinuba, California undated**
Physical Description: 4 prints, 4 negatives
- Box 15:32 **Figs, sterilizing canned figs, Krugs Packing Co., Reedley, California undated**
Physical Description: 1 print, 1 negative
- Box 16:1 **Filice & Perelli Canning Co.? undated**
Physical Description: 5 prints
- Box 16:2 **Filter press undated**
Physical Description: 2 prints, 1 negative
- Box 16:3 **Filter press, Kingsburg undated**
Physical Description: 1 print, 1 negative

Box 16:4	Fish processing equipment undated Physical Description: 4 prints, 4 negatives
Box 16:5	Freezers? 1945 Physical Description: 3 negatives
Box 16:6	Freezers? 1951 Physical Description: 15 negatives
Box 16:7	Freezers, Modesto 1946 Physical Description: 5 prints, 11 negatives
Box 16:8	French fries undated Physical Description: 2 prints
Box 16:9	Frozen foods in a supermarket undated Physical Description: 2 prints
Box 16:10	Frozen pack containers undated Physical Description: 1 print, 1 negative
Box 16:11	Fruit beverages, carbonated undated Physical Description: 3 prints
Box 34:15	Fruit beverages, carbonated undated Physical Description: 1 glass plate negative
Box 33:2	Fruit beverages display by the University of California College of Agriculture undated Physical Description: 1 glass plate negative
Box 16:12	Fruit candies undated Physical Description: 2 negatives
Box 16:13	Fruit candies and jellies undated Physical Description: 9 prints, 15 negatives
Box 16:14	Fruit crusher with rack and cloth hydraulic press undated Physical Description: 1 print
Box 16:15	Fruit dehydrator, University Farm, Davis undated Physical Description: 1 print
Box 16:16	Fruit display 1918? Physical Description: 1 print
Box 16:17	Fruit display undated Physical Description: 1 print

Box 16:18	Fruit packing houses, Placer County, California undated Physical Description: 7 negatives
Box 34:16	Fruit press undated Physical Description: 1 glass plate negative
Box 16:19	Fruit salad undated Physical Description: 2 prints
Box 16:20	Fruit salad, filler undated Physical Description: 1 print
Box 16:21	Fruit washer undated Physical Description: 1 print
Box 34:17	Gauging fruit? undated Physical Description: 1 glass plate negative
Box 16:22	C.B. Gentry Corporation, Gilroy, California 1943 Physical Description: 3 prints
Box 16:23	Grape syrup machinery undated Physical Description: 1 negative
Box 16:24	Grapes being unloaded at syrup plant, Woodbridge undated Physical Description: 1 print, 1 negative
Box 17:1	Greco Company undated Physical Description: 10 prints, 13 negative
Box 17:2	Guava jelly undated Physical Description: 2 prints, 2 negatives
Box 17:3	Harvesting undated Physical Description: 14 prints
Box 17:4	Heat interchanger plate type undated Physical Description: 1 print
Box 17:5	Heaters and fans undated Physical Description: 10 negatives
Box 17:6	H.J. Heinz Corporation undated Physical Description: 10 prints, 5 negatives

Box 17:7	Hunt Brothers Packing Company undated Physical Description: 1 print
Box 17:8	Hydrometer and cylinder undated Physical Description: 1 print
Box 34:18	Hydrometer and thermometer undated Physical Description: 1 glass plate negative
Box 17:9	Jelly kettles undated Physical Description: 3 prints
Box 17:10	Jet condenser, Los Angeles undated Physical Description: 1 print
Box 17:11	Juices undated Physical Description: 3 negatives
Box 17:12	Juices undated Physical Description: 9 negatives
Box 17:13	Juices, Blessing extractor undated Physical Description: 2 prints
Box 17:14	Juices, brown citrus juice extractor undated Physical Description: 1 print
Box 17:15	Juices, Del Rogue apple juice undated Physical Description: 1 print, 1 negative
Box 17:16	Juices, frozen juice stands undated Physical Description: 4 negatives
Box 17:17	Juices, Grape undated Physical Description: 3 prints, 7 negatives
Box 17:18	Juices, Grape, production of at the University Farm, Davis 1915 Physical Description: 9 prints, 5 negatives
Box 17:19	Juices, Orange undated Physical Description: 10 negatives
Box 17:20	Juices, Orange undated Physical Description: 6 prints, 9 negatives
Box 18:1	Juices, Orange, Automatic juice extractor undated Physical Description: 1 print

Box 18:2	Juices, Orange, packaging for undated Physical Description: 1 print
Box 18:3	Juices, Orange, production of undated Physical Description: 11 prints
Box 18:4	Juices, Orange Products Inc. undated Physical Description: 2 negatives
Box 18:5	Juices, Orange, Treesweet and Old Mission 1935 June Physical Description: 6 negatives
Box 18:6	Juices, pasteurizer, continuous undated Physical Description: 1 print
Box 18:7	Juices, Processing? undated Physical Description: 4 prints
Box 18:8	Juices, processor, continuous undated Physical Description: 2 prints
Box 18:9	Juices, tanks, enamel lined undated Physical Description: 1 print
Box 18:10	Kettles, preserving with drainage basket undated Physical Description: 1 print
Box 18:11	Kettles, steam jacketed undated Physical Description: 1 print
Box 18:12	Knives undated Physical Description: 1 print
Box 18:13	Lemons, cutter and continuous press undated Physical Description: 1 print
Box 18:14	Libby, McNeil, Libby undated Physical Description: 4 negatives
Box 18:15	Lima bean products 1955 Physical Description: 6 prints, 5 negatives
Box 18:16	Lima beans, harvesting undated Physical Description: 9 prints

Box 18:17	Liquor gallery for segregation of liquors, C&H Sugar Refining Corp., Crockett, California undated Physical Description: 1 print
Box 18:18	Lye dipping equipment undated Physical Description: 3 prints
Box 18:19	Macadamia nuts undated Physical Description: 3 prints
Box 18:20-18:29, Box 19:1-3	Machinery undated Physical Description: 130 prints, 56 negatives
Box 19:4	Marmalade, cooking undated Physical Description: 1 print, 2 negatives
Box 19:5	Marmalade, drip bag undated Physical Description: 3 negatives
Box 19:6	Marmalade, filling glasses with undated Physical Description: 1 negative
Box 19:7	Marmalade, shredding orange peel undated Physical Description: 1 negative
Box 19:8	Marmalade, Sunkist, San Dimas, California undated Physical Description: 1 print, 2 negatives
Box 19:9	Meat processing, Colusa undated Physical Description: 2 negatives
Box 19:10	Medford undated Physical Description: 6 negatives
Box 19:11	Modesto dry yard undated Physical Description: 14 negatives
Box 19:12	Nuts, Beech Nut Preserving Plant, San Jose, California undated Physical Description: 2 prints, 1 negative
Box 19:13	Nuts, salted undated Physical Description: 2 prints, 1 negative
Box 19:14-21	Olives 1920-1945 Physical Description: 37 prints, 25 negatives
Box 20:1	Olives, Adams Olive Cannery, Sunland, California undated Physical Description: 1 print, 1 negative

Box 20:2	Olives, Adams Olive Market undated Physical Description: 1 print, 1 negative
Box 20:3	Olives, advertisement for Ripe Olive Day 1916 Physical Description: 1 print
Box 20:4	Olives, American Olive Co. undated Physical Description: 1 print
Box 20:5	Olives, Dr. Bigelow viewing olives in barrels undated Physical Description: 1 negative
Box 20:6	Olives, Burt Brothers olive plant 1922 Physical Description: 2 prints, 5 negatives
Box 20:7	Olives, California Associated Olive Growers Plant, Lindsay, California undated Physical Description: 1 negative
Box 20:8	Olives, canned undated Physical Description: 2 prints
Box 20:9	Olives, Corning 1933 Physical Description: 4 negatives
Box 20:10	Olives, Corning undated Physical Description: 1 negative
Box 20:11	Olives, decomposing undated Physical Description: 2 prints
Box 20:12	Olives, drum pickler, Sammis Olive Co. 1946 Physical Description: 1 print, 1 negative
Box 20:13	Olives, drying for oil undated Physical Description: 1 print, 1 negative
Box 20:14	Olives, edge runners undated Physical Description: 3 prints
Box 20:15-16	Olives, European, processing undated Physical Description: 57 prints, 7 negatives
Box 20:17	Olives, Fair Oaks Fruit Co. and Maywood 1948 Physical Description: 8 prints, 9 negatives

Box 20:18	Olives, fish eye 1933 Physical Description: 3 prints, 2 negatives
Box 20:19	Olives, fish eye, spoiled undated Physical Description: 1 print
Box 20:20	Olives, grader undated Physical Description: 2 negatives
Box 20:21	Olives, green 1941 Physical Description: 3 prints, 15 negatives
Box 20:22	Olives, green 1941 Physical Description: 4 prints
Box 20:23	Olives, green, depth of lye cut undated Physical Description: 1 print
Box 20:24	Olives, green in a plant in Seville, Spain undated Physical Description: 1 print
Box 20:25	Olives, H.J. Heinz olive plant undated Physical Description: 1 print, 2 negatives
Box 20:26	Olives, illustrations for Olive Bulletin undated Physical Description: 2 negatives
Box 20:27	Olives, in Europe undated Physical Description: 15 prints
Box 21:1	Olives, in plain enamelled tin 1927 May Physical Description: 2 prints, 1 negative
Box 21:2	Olives, in shipping tanks at American Olive Co., 1920 Physical Description: 4 negatives
Box 21:3	Olives, in storage brine in barrels undated Physical Description: 2 prints
Box 21:4	Olives, jar sealing machine, Oroville, California undated Physical Description: 1 print
Box 21:5	Olives, jar sealing machine, vacuum undated Physical Description: 1 print
Box 21:6	Olives, Lindsay 1937 Physical Description: 9 negatives

Box 21:7	Olives, Lindsay undated Physical Description: 1 negative
Box 21:8	Olives, Lindsay, green 1938 December Physical Description: 6 negatives
Box 21:9	Olives, Lindsay, green 1940 October Physical Description: 12 negatives
Box 21:10	Olives, Lindsay, green 1941 Physical Description: 1 negative
Box 21:11	Olives, Lindsay Growers Association 1920 Physical Description: 2 negatives
Box 21:12	Olives, Mission variety trees undated Physical Description: 1 print
Box 21:13	Olives, olive oil, centrifuge undated Physical Description: 1 print
Box 21:14	Olives, olive oil factory, G. Maselli and Sons undated Physical Description: 5 prints
Box 21:15	Olives, olive oil mill undated Physical Description: 1 print
Box 21:16	Olives, olive oil press, home made undated Physical Description: 1 print
Box 21:17	Olives, olive oil processing undated Physical Description: 2 prints, 6 negatives
Box 21:18	Olives, olive oil production undated Physical Description: 1 print, 4 negatives
Box 21:19	Olives, olive oil, tanks for separating oil and water undated Physical Description: 1 print
Box 21:20	Olives, olive oil treating tank at Burt Brothers 1915 Physical Description: 1 print, 1 negative
Box 21:21	Olives, Olive Products Corp., Oroville, California undated Physical Description: 1 print

Box 21:22	Olives, Orchard, Visalia, California undated Physical Description: 1 print, 1 negative
Box 21:23	Olives, packing olives and sealing glass jars at Curtis Olive Company undated Physical Description: 3 prints
Box 21:24	Olives, packing unpickled olives in brine for shipment to factory undated Physical Description: 1 print
Box 21:25	Olives, picking undated Physical Description: 1 print
Box 21:26	Olives, picking undated Physical Description: 1 negative
Box 21:27	Olives, pickling undated Physical Description: 2 prints, 4 negatives
Box 21:28	Olives, pickling undated Physical Description: 3 prints
Box 21:29	Olives, pickling vats at Sylmar undated Physical Description: 1 negative
Box 21:30	Olives, pickling yard undated Physical Description: 1 print
Box 21:31	Olives, pimentos, fire roasters undated Physical Description: 2 prints
Box 21:32	Olives, preparing Greek process olives at the California Packing Corp., Lindsay, California undated Physical Description: 1 print
Box 21:33	Olives, presses, Mt. Ida Co. undated Physical Description: 2 prints
Box 21:34	Olives, pressing undated Physical Description: 2 prints
Box 21:35	Olives, processing undated Physical Description: 5 prints, 10 negatives
Box 21:36	Olives, processing undated Physical Description: 9 prints
Box 22:1	Olives, retort collapse 1933 Physical Description: 1 print, 1 negatives

Box 22:2	Olives, retort, temperature chart for undated Physical Description: 1 print
Box 22:3	Olives, retorts and thermometer undated Physical Description: 1 print, 2 negatives
Box 22:4	Olives, retorts for sterilizing canned olives undated Physical Description: 1 print
Box 22:5	Olives, shipped in a lug box undated Physical Description: 1 negative
Box 22:6	Olives, shriveled 1930 January Physical Description: 3 prints, 1 negative
Box 22:7	Olives, spoiled 1932 Physical Description: 5 prints, 2 negatives
Box 22:8	Olives, sterilizing undated Physical Description: 1 print
Box 22:9	Olives, stirring with air undated Physical Description: 1 print
Box 22:10	Olives, Sylmar Olive Plant undated Physical Description: 7 prints
Box 22:11	Olives, vat, Fair Oaks Fruit Co. undated Physical Description: 1 negative
Box 22:12	Olives, vat room, Curtis Olive Company undated Physical Description: 2 prints, 2 negatives
Box 22:13	Olives, vat room, Mt. Ida Co. undated Physical Description: 1 negative
Box 22:14	Olives, Visalia, California undated Physical Description: 12 prints, 7 negatives
Box 22:15	Orange Products Inc. undated Physical Description: 2 prints
Box 22:16	Oranges, cooking slices for jelly undated Physical Description: 2 negatives

Box 22:17	Oranges, Exchange Orange Products Plant, San Dimas, California undated Physical Description: 1 negative
Box 22:18	Orchard undated Physical Description: 1 print
Box 22:19	Orchard, Oregon undated Physical Description: 1 print
Box 22:20	Oven drier 1943 Physical Description: 7 prints, 2 negatives
Box 22:21	Oven, electric undated Physical Description: 1 print
Box 22:22	Packaging undated Physical Description: 1 print
Box 22:23	Peaches, canning and sorting undated Physical Description: 1 print
Box 22:24	Peaches, Cling undated Physical Description: 2 negatives
Box 22:25	Peaches, cut in half by machines for pitting; peaches after pitting undated Physical Description: 1 print, 1 negative
Box 22:26	Peaches, grader undated Physical Description: 1 print
Box 22:27	Peaches, hand operated lye peeler undated Physical Description: 1 print
Box 22:28	Peaches, Harter Packing Co. undated Physical Description: 5 negatives
Box 22:29	Peaches, picking for drying and canning undated Physical Description: 1 print
Box 22:30	Peaches, pitters 1925 Physical Description: 2 prints
Box 22:31	Peaches, pitters undated Physical Description: 2 prints
Box 22:32	Peaches, slicers undated Physical Description: 2 prints

Box 22:33	Peaches, surplus on the ground 1932 Physical Description: 1 print
Box 22:34	Pear products undated Physical Description: 6 prints
Box 33:4	Pear products undated Physical Description: 1 glass plate negative
Box 22:35	Pears, pressure tester undated Physical Description: 1 print
Box 22:36	Peas 1921 Physical Description: 4 prints, 4 negatives
Box 22:37	Peas, blanched undated Physical Description: 1 print
Box 22:38	Peas, canning 1923 Physical Description: 5 prints, 5 negatives
Box 22:39	Peas, entering a dewatering screen undated Physical Description: 1 print
Box 22:40	Peas, flotation separator undated Physical Description: 2 prints
Box 23:1	Peas, graders undated Physical Description: 1 print
Box 23:2	Peas, inspecting and sorting undated Physical Description: 1 print
Box 23:3	Peas, retorts undated Physical Description: 4 prints
Box 34:19	Peas, Scott vining machine undated Physical Description: 1 glass plate negative
Box 23:4	Peas, sorting for freezing or canning undated Physical Description: 1 print
Box 23:5	Peas, tenderometer undated Physical Description: 1 print

Box 23:6	Peas, vine harvester undated Physical Description: 3 prints
Box 23:7	Peas, vined, boxes of undated Physical Description: 2 prints
Box 23:8	Peas, viner station undated Physical Description: 3 prints
Box 23:9	Peas, vines cut undated Physical Description: 3 prints
Box 23:10	Peas, vines, key fork undated Physical Description: 2 prints
Box 23:11	Peeler for potatoes, onions, and root vegetables undated Physical Description: 1 print
Box 23:12	Pickles, shipping tanks, Libby, McNeil, and Libby undated Physical Description: 2 prints
Box 23:13	Pineapples, canning undated Physical Description: 2 prints
Box 23:14	Pineapples, casing canned undated Physical Description: 1 print
Box 23:15	Pineapples, field undated Physical Description: 2 prints
Box 23:16	Pineapples, Ginaca machine undated Physical Description: 2 prints
Box 23:17	Pineapples, harvesting undated Physical Description: 1 print
Box 23:18	Pineapples, picking and topping undated Physical Description: 1 print
Box 23:19	Pineapples, plantation undated Physical Description: 1 print
Box 23:20	Pineapples, planting undated Physical Description: 1 print
Box 23:21	Pineapples, sterilizers undated Physical Description: 2 prints

Box 23:22	Pineapples, truck load on way to boat undated Physical Description: 1 print
Box 23:23	Pineapples, unloading from barge undated Physical Description: 1 print
Box 23:24	Pit products 1939 Physical Description: 7 prints, 10 negatives
Box 23:25	Pit shaker and halved fruit cup turnover undated Physical Description: 1 print
Box 23:26-28	Plants, processing undated Physical Description: 27 prints, 5 negatives
Box 23:29	Pomace crusher undated Physical Description: 1 print
Box 23:30	Pomegranates undated Physical Description: 2 prints
Box 34:20	Pomegranates undated Physical Description: 1 glass plate negative
Box 23:31	Potato peeler and drier undated Physical Description: 1 print, 3 negatives
Box 23:32	Presses undated Physical Description: 2 prints
Box 23:33	H.G. Prince undated Physical Description: 6 negatives
Box 23:34	Prunes 1933 Physical Description: 6 prints, 16 negatives
Box 23:35	Prunes, canned and bottled undated Physical Description: 1 print
Box 23:36	Prunes, dipper and rinser undated Physical Description: 1 print
Box 23:37	Prunes, dry yard scene undated Physical Description: 1 negative

- Box 23:38 **Prunes, harvesting for drying undated**
Physical Description: 1 print
- Box 23:39 **Prunes, Healdsburg 1940**
Physical Description: 4 negatives
- Box 23:40 **Prunes, Merry Go Round dipper 1925**
Physical Description: 3 prints
- Box 23:41 **Prunes, pulper undated**
Physical Description: 1 print
- Box 23:42 **Prunes, sugared undated**
Physical Description: 2 negatives
- Box 23:43 **Puree tanks, F.E. Booth Co. undated**
Physical Description: 1 print
- Box 24:1 **Quick process, Gifford & Co. undated**
Physical Description: 4 negatives
- Box 24:2 **Quick process, Sylmar undated**
Physical Description: 1 negative
- Box 24:3-5 **Raisin products undated**
Physical Description: 16 prints, 10 negatives
Scope and Content Note
Contains images of candy bars, cereal, muffins, pudding, and canned raisin filling and pie made from it.
- Box 24:6 **Raisins, bread undated**
Physical Description: 1 print
- Box 24:7 **Raisins, canning pie raisins, Fresno, California 1924 May**
Physical Description: 1 print
- Box 24:8 **Raisins, conveyer, Sun Maid Plant undated**
Physical Description: 1 print
- Box 24:9 **Raisins, crystallized undated**
Physical Description: 1 print
- Box 34:21 **Raisins, crystallized undated**
Physical Description: 1 glass plate negative
- Box 24:10 **Raspberry field, Puyallup, Washington undated**
Physical Description: 2 prints
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Box 24:11	Refractometer, Bausch & Lomb undated Physical Description: 1 print
Box 24:12	Refractometer, Goldberg hand and dipping undated Physical Description: 1 print
Box 24:13	Refractometer, Goldberg process undated Physical Description: 2 print
Box 24:14	Retort, vertical with thermocouples undated Physical Description: 1 print
Box 24:15	Retorts and tycos regulators undated Physical Description: 1 print
Box 24:16	Retorts, California Packing Corporation, Rio Vista, California undated Physical Description: 1 negative
Box 24:17	Retorts, horizontal cylindrical undated Physical Description: 2 prints
Box 24:18	Rotary grader, Oroville, California undated Physical Description: 1 print
Box 24:19	Sardines undated Physical Description: 1 print
Box 24:20	Seaweed at Summerland undated Physical Description: 4 prints, 4 negatives
Box 24:21	Screen filters undated Physical Description: 4 negatives
Box 24:22	Size grader undated Physical Description: 1 print
Box 24:23	Spiegl Plant; Puccinelli 1943 July Physical Description: 11 prints
Box 24:24	Spiegl Plant; Puccinelli undated Physical Description: 14 negatives
Box 24:25	Spinach 1933 Physical Description: 5 negatives
Box 24:26	Spinach 1946 Physical Description: 6 prints

Box 24:27	Spinach undated Physical Description: 1 print, 6 negatives
Box 24:28	Spinach undated Physical Description: 4 prints
Box 24:29	Spinach undated Physical Description: 19 negatives
Box 24:30	Spinach, before and after blanching undated Physical Description: 2 prints
Box 24:31	Spinach, blancher, Pratt Low Cannery, Santa Clara, California undated Physical Description: 1 print, 1 negative
Box 25:1	Spinach, canning equipment undated Physical Description: 1 print, 9 negatives
Box 25:2	Spinach, canning table undated Physical Description: 1 print
Box 25:3	Spinach, cutter undated Physical Description: 2 prints
Box 25:4	Spinach, cutting table undated Physical Description: 1 print
Box 25:5	Spinach, draper elevator, Pratt Low Cannery, Santa Clara, California undated Physical Description: 1 negative
Box 25:6	Spinach, filling crates undated Physical Description: 2 prints, 6 negatives
Box 25:7	Spinach, harvester, Danville, California 1943 July Physical Description: 1 print, 1 negative
Box 25:8	Spinach, harvester, Santa Clara, California 1953 Physical Description: 1 print
Box 25:9	Spinach, harvester with tractor, cutter bar, and reel 1953 Physical Description: 2 prints
Box 25:10	Spinach, harvesting undated Physical Description: 4 prints, 5 negatives

Box 25:11	Spinach, harvesting undated Physical Description: 7 negatives
Box 25:12	Spinach, in crates on truck undated Physical Description: 5 prints, 5 negatives
Box 25:13	Spinach, Libby, McNeil, and Libby, Sunnyvale, California undated Physical Description: 3 negatives
Box 25:14	Spinach, preparation tables, Pratt Low Cannery, Santa Clara, California undated Physical Description: 1 negative
Box 25:15	Spinach, sorting and trimming table undated Physical Description: 1 print
Box 25:16	Spinach, unloading crates undated Physical Description: 2 prints, 4 negatives
Box 25:17	Spinach, washing undated Physical Description: 1 print
Box 25:18	Spinach, waste butts from cannery undated Physical Description: 1 print, 1 negative
Box 25:19	Spray washer undated Physical Description: 1 print
Box 25:20	Strawberries, cold packing, San Jose and Mountain View, California undated Physical Description: 2 negatives
Box 25:21	Strawberries, cold packing, Security Ice and Cold Storage, San Jose, California undated Physical Description: 6 negatives
Box 25:22	Strawberries, field undated Physical Description: 1 print
Box 25:23	Strawberries, for cold pack undated Physical Description: 3 prints, 1 negative
Box 25:24	String beans, dehydrated undated Physical Description: 1 print
Box 25:25	Sugar mill undated Physical Description: 3 prints, 3 negatives
Box 25:26	Sun-Maid, Fresno, California undated Physical Description: 15 negatives

- Box 25:27 **Sunsweet, Campbell, California; Mariani 1957**
Physical Description: 16 prints
- Box 25:28 **Syrup and juice equipment undated**
Physical Description: 4 prints, 13 negatives
- Box 26:1 **Syrup and juice equipment, National Fruit Products Co., Lodi, California 1923**
Physical Description: 13 prints, 4 negatives
- Box 26:2 **Syrup hydrometer, measuring spoons and measuring cup undated**
Physical Description: 1 print
- Box 26:3 **Syrup plant, water cooling tower undated**
Physical Description: 1 negative
- Box 26:4 **Syrup plants, Kingsburg and Sun-Maid undated**
Physical Description: 4 prints, 3 negatives
- Box 26:5 **Syrup room undated**
Physical Description: 2 prints
- Box 26:6 **Syrup room, Hunt Brothers undated**
Physical Description: 1 print
- Box 26:7 **Syruper, economy undated**
Physical Description: 1 print
- Box 34:22 **Thermometer for candy undated**
Physical Description: 1 glass plate negative
- Box 26:8 **Thermometer, recording undated**
Physical Description: 1 negative
- Box 26:9 **Thermometers undated**
Physical Description: 1 print
- Box 26:10 **Tomatoes, cold frames undated**
Physical Description: 1 print
- Box 26:11 **Tomatoes, crusher undated**
Physical Description: 1 print
- Box 26:12 **Tomatoes, flash pasteurizer for juice and crushed tomatoes undated**
Physical Description: 1 print

- Box 26:13 **Tomatoes, peeling table undated**
Physical Description: 1 print
- Box 26:14 **Tomatoes, sorting and trimming; automatic box dumper undated**
Physical Description: 2 prints
- Box 26:15 **Tomatoes, tanks, glass lined undated**
Physical Description: 1 print, 1 negative
- Box 26:16 **Tomatoes, varieties of undated**
Physical Description: 1 print
- Box 26:17 **Tomatoes, washing seeds undated**
Physical Description: 1 print
- Box 26:18 **Tomatoes, waste undated**
Physical Description: 1 print, 1 negative
- Box 34:23-24 **Tray for the dehydrator at the University Farm, Davis undated**
Physical Description: 2 glass plate negatives
- Box 26:19 **Turkey meat, filling #3 cans, Washington Packers, Puyallup, Washington 1944**
Physical Description: 1 print
- Box 26:20 **University of California travelling laboratory, San Dimas 1918**
Physical Description: 1 negative
- Box 26:21 **Vacuum gauge undated**
Physical Description: 1 print
- Box 34:25 **Vacuum gauge undated**
Physical Description: 1 glass plate negative
- Box 26:22 **Vacuum pan, continuous, for concentrating fruit juices, Sebastopol, California undated**
Physical Description: 1 print
- Box 26:23 **Vacuum pan, Henrietta Rancho, Fresno, California undated**
Physical Description: 1 print
- Box 26:24 **Vacuum pan, silver lined undated**
Physical Description: 1 negative
- Box 26:25 **Vacuum pans and kettles undated**
Physical Description: 2 prints, 1 negative

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|--------------|--|
| Box 26:26-27 | Various undated
Physical Description: 348 slides
Scope and Content Note
Contains slides depicting various aspects of fruit and vegetable harvesting, dehydration, and canning. |
| Box 26:28 | Vats, Hunt Brothers 1916
Physical Description: 1 negative |
| Box 26:29 | Vegetables, packing for salad undated
Physical Description: 1 print |
| Box 26:30 | Walnuts, branding machine, Diamond Walnut Growers undated
Physical Description: 1 print |
| Box 26:31 | Walnuts, building for processing and packing, Diamond Walnut Growers undated
Physical Description: 1 print |
| Box 26:32 | Walnuts, cracking the shells and separating the kernels, Diamond Walnut Growers undated
Physical Description: 1 print |
| Box 26:33 | Walnuts, examining and analyzing, Diamond Walnut Growers undated
Physical Description: 1 print |
| Box 26:34 | Walnuts, harvesting undated
Physical Description: 7 prints, 7 negatives |
| Box 26:35 | Walnuts, harvesting undated
Physical Description: 4 prints |
| Box 26:36 | Walnuts, in sacks undated
Physical Description: 1 print |
| Box 26:37 | Walnuts, inspecting undated
Physical Description: 1 print |
| Box 26:38 | Walnuts, packaging in cellophane bags, Diamond Walnut Growers undated
Physical Description: 1 print |
| Box 26:39 | Walnuts, processing equipment undated
Physical Description: 5 prints, 5 negatives |
| Box 26:40 | Walnuts, shaking from the tree undated
Physical Description: 1 print |
| Box 26:41 | Walnuts, Walnut Creek, California 1941
Physical Description: 1 print, 2 negatives |

- Box 27:1 **Warburg apparatus 1943**
Physical Description: 4 prints, 2 negatives
- Box 27:2 **Washing raw sugar, C.&H. Sugar Refining Corp., Crockett, California undated**
Physical Description: 1 print
- Box 27:3-6 **Unidentified undated**
Physical Description: 25 prints, 37 negatives
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Subseries 7.4 **Travel undated**

Physical Description: 9 folders

Scope and Content Note

Arranged alphabetically by travel destination.

- Box 27:7 **Canada undated**
Physical Description: 4 prints
- Box 27:8 **Egypt undated**
Physical Description: 9 prints
- Box 27:9 **England and Ireland undated**
Physical Description: 16 prints
- Box 27:10 **France undated**
Physical Description: 8 prints
- Box 27:11 **Italy undated**
Physical Description: 20 prints
- Box 27:12-13 **Spain undated**
Physical Description: 66 prints, 1 negative
- Box 27:14 **Switzerland undated**
Physical Description: 3 prints
- Box 27:15 **United States undated**
Physical Description: 15 prints
- Box 27:16 **Various undated**
Physical Description: 15 negatives
-

Subseries 7.5 Wine production and Wineries 1916-1943

Physical Description: 1.4 linear feet

Scope and Content Note

Arranged alphabetically.

- Box 28:1 **Acampo Winery Inc. undated**
Physical Description: 1 negative
- Box 28:2 **American Vineyard Co. undated**
Physical Description: 1 print, 1 negative
- Box 28:3 **Asti Winery undated**
Physical Description: 6 negatives
- Box 28:4 **Basket presses, Martini, St. Helena, California undated**
Physical Description: 1 print
- Box 28:5 **Basket type hydraulic press undated**
Physical Description: 1 print
- Box 28:6 **Beam press outside a California winery undated**
Physical Description: 1 print
- Box 28:7 **Brandy still house, Woodbridge undated**
Physical Description: 1 print, 1 negative
- Box 28:8 **California Champagne Building undated**
Physical Description: 1 negative
- Box 28:9 **Casks, Inglenook Winery, Napa Valley, California undated**
Physical Description: 1 print
- Box 28:10 **Cooling coil undated**
Physical Description: 1 print
- Box 28:11 **Crusher undated**
Physical Description: 1 print
- Box 28:12 **Crusher and stemmer undated**
Physical Description: 1 print, 1 negative
- Box 28:13 **Crusher, small, over vat undated**
Physical Description: 1 print
- Box 28:14 **Crushing grapes at Tulare winery undated**
Physical Description: 1 print

Box 28:15	Crushing lagar undated Physical Description: 1 print
Box 28:16	Crushing platform undated Physical Description: 1 print
Box 28:17	Culture of Spanish sherry "flor" yeast undated Physical Description: 1 print
Box 28:18	Drains for bottom of vats undated Physical Description: 1 print
Box 28:19-23, Box 29:1-10	Equipment circa 1935-1940 Physical Description: 114 prints, 133 negatives
Box 29:11	Evaporator, University Farm undated Physical Description: 1 print
Box 29:12	Fei Brothers undated Physical Description: 4 negatives
Box 29:13	Fresno wineries 1937 Physical Description: 3 prints, 7 negatives
Box 29:14	Fresno wineries undated Physical Description: 8 negatives
Box 33:5	Fruit evaporator, ground plan for, Division of Viticulture, University Farm, Davis undated Physical Description: 1 glass plate negative
Box 30:1	Gallo Winery undated Physical Description: 14 negatives
Box 30:2	Grape receiving station at a large winery undated Physical Description: 1 print
Box 30:3	Grapes, harvesting undated Physical Description: 1 print, 2 negatives
Box 30:4	Grapes stacked after rain, Yuba City, California undated Physical Description: 1 print
Box 30:5	Grapes sulfuring, at the University Farm, Davis 1920? Physical Description: 1 print
Box 30:6	Grapes, table undated Physical Description: 1 print, 1 negative

Box 30:7	Greystone Winery undated Physical Description: 2 prints
Box 30:8	Hand press with metal basket undated Physical Description: 1 print
Box 30:9	Italian Swiss Colony undated Physical Description: 1 print
Box 30:10	Italian Vineyard Company Winery undated Physical Description: 1 print
Box 30:11	Lactobacilli of wine undated Physical Description: 1 print
Box 30:12	Lodi winery 1937 Physical Description: 6 prints, 6 negatives
Box 30:13	Lodi winery 1940 October Physical Description: 4 prints, 5 negatives
Box 30:14	Lug boxes of grapes in vineyard awaiting truck undated Physical Description: 2 prints, 1 negative
Box 30:15	Martini Winery, Kingsburg, California 1936 Physical Description: 7 negatives
Box 30:16	Martini Winery 1948 Physical Description: 6 negatives
Box 30:17	Napa and Tulare County wineries 1935? Physical Description: 4 prints, 26 negatives
Box 30:18	Napa County wineries, St. Helena 1916 Physical Description: 4 prints, 5 negatives
Box 30:19	Orchards and vineyards in Napa County, California 1917 Physical Description: 3 prints, 2 negatives
Box 30:20	Perelli-Minetti plant undated Physical Description: 1 print
Box 30:21	Pomace pile near a winery undated Physical Description: 1 print

Box 30:22	Pomace waste undated Physical Description: 1 print
Box 30:23	Press baskets undated Physical Description: 1 print
Box 30:24	Rack with metal and alloy disks for corrosion studies undated Physical Description: 1 print
Box 30:25	Receiving cannery waste, Arabelian Winery 1943 Physical Description: 1 print
Box 30:26	Santa Rosa winery undated Physical Description: 1 print, 1 negatives
Box 30:27	Slat bottom tray used at the University Farm, Davis undated Physical Description: 3 prints
Box 30:28	Still undated Physical Description: 1 print
Box 30:29	Still, volatile acid 1935 Physical Description: 1 negative
Box 30:30	Sunning grapes prior to crushing undated Physical Description: 1 print
Box 31:1	Sunnyside Winery 1917 Physical Description: 1 print, 2 negatives
Box 31:2	Thermometer and punching stick undated Physical Description: 1 print, 3 negatives
Box 31:3	Tulare Winery 1937? Physical Description: 3 negatives
Box 31:4	Tulare Winery, near still 1936 July Physical Description: 1 print, 2 negatives
Box 31:5	Unloading and crushing undated Physical Description: 1 print
Box 31:6	Unloading grapes at a winery near Lodi, California undated Physical Description: 1 print
Box 31:7	Unloading platform undated Physical Description: 1 print

- Box 31:8 **Various undated**
 Physical Description: 34 slides
- Box 31:9 **Vats undated**
 Physical Description: 1 print
- Box 31:10 **Vineyard, San Jose, California undated**
 Physical Description: 1 negative
- Box 31:11 **Waste stems being transferred to trucks for removal from winery premises undated**
 Physical Description: 2 prints
- Box 31:12 **West Coast Winery Inc., Roscoe, California undated**
 Physical Description: 1 print
- Box 31:13 **Wine cellar, small stone one, Napa County, California undated**
 Physical Description: 1 print
- Box 31:14 **Yeast, apiculatus from grapes undated**
 Physical Description: 1 print
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Subseries 7.6 Various 1922-1956

Physical Description: 0.6 linear feet

Scope and Content Note

Arranged alphabetically.

- Box 31:15 **Advertisement for fruit syrup undated**
 Physical Description: 1 print
- Box 31:16 **Alkali undated**
 Physical Description: 1 print
- Box 31:17 **American Can Company trip 1922**
 Physical Description: 2 negatives
- Box 31:18 **American Chemist Society Meeting at Asti 1935 August 22**
 Physical Description: 7 prints, 5 negatives
- Box 31:19 **Articles (partial), "Freezing of Quickly Perishable Fruits" and "Freezing Fresh Fruit in Cans" by W. V. Cruess, et al. 1924 March; 1925 February**
 Physical Description: 2 negatives
- Box 31:20 **Frederic Bioletti and J. Wheeler undated**
 Physical Description: 1 negative
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- Box 31:21 **Clarification experiments, Fruit Products course undated**
Physical Description: 1 print, 3 negatives
- Box 31:22 **Class 1922**
Physical Description: 2 prints
- Box 31:23 **Class at Cresta Blanca 1945**
Physical Description: 1 negative
- Box 31:24 **Conference attendees 1956**
Physical Description: 1 printed item
- Box 31:25 **Cultures undated**
Physical Description: 3 prints
- Box 31:26 **Danville Mill and Hilgard Hall undated**
Physical Description: 7 prints, 2 negatives
- Box 31:27 **Desk at Michigan Agricultural College undated**
Physical Description: 1 print
- Box 31:28 **Eastman Competition 1929 April 24**
Physical Description: 7 negatives
- Box 31:29 **Fruit Products class trip to the American Can Company 1923 August 23**
Physical Description: 2 prints, 1 negative
- Box 33:6 **Fruit Products Laboratory 1924?**
Physical Description: 1 glass plate negative
- Box 31:30-34 **Graphs and diagrams undated**
Physical Description: 20 prints, 5 negatives, 7 printed items
- Box 32:1 **Hops 1940?**
Physical Description: 11 prints, 1 negative
- Box 32:2 **Humboldt County train undated**
Physical Description: 8 prints, 6 negatives
- Box 32:3 **John Leonard and students 1950?**
Physical Description: 1 prints, 1 negative
- Box 32:4 **Livermore 1941**
Physical Description: 1 print, 1 negative

Box 32:5	Stephen Martinelli undated Physical Description: 2 prints
Box 32:6	Microscopic view undated Physical Description: 3 prints, 1 negative
Box 32:7	Olive Processors Conference, Oroville, California 1922 September 21 Physical Description: 5 prints, 3 negatives
Box 34:26-27	Olive fly undated Physical Description: 2 glass plate negatives
Box 32:8	Photomicrographs of canorien? undated Physical Description: 3 negatives
Box 32:9	Professor Molon, University of Milan undated Physical Description: 1 print
Box 32:10	Receipt undated Physical Description: 1 negative
Box 32:11	Soda fountain counter undated Physical Description: 1 print
Box 32:12	Students 1952? Physical Description: 1 prints, 2 negatives
Box 33:7	Students in short course in canning 1922 Physical Description: 1 glass plate negative
Box 32:13	Tarkio steers undated Physical Description: 3 prints
Box 32:14	Yeast undated Physical Description: 4 prints
Box 32:15	Yeast colonies undated Physical Description: 4 prints, 8 negatives
Box 32:16-18	Unidentified undated Physical Description: 16 prints, 5 negatives