

Forty Year Veteran Awards

HAROLD D. BURK, Great Western Sugar Company

ROBERT E. BURTON, Layton Sugar Company

CHARLES M. CRABTREE, Franklin County Sugar Company

E. H. HUNGERFORD, Great Western Sugar Company

VERNAL JENSEN, Amalgamated Sugar Company

JOHN C. KEANE, Utah-Idaho Sugar Company

JOHN J. LANDYSHEFF, (Retired), Canadian Sugar Factories, Ltd.

GEORGE W. MILES, SR., (Retired), Holly Sugar Corporation

NORMAN J. MUSCAVITCH, Great Western Sugar Company

O. S. NEWSOM, Holly Sugar Corporation

DONALD O. NORTH, Monitor Sugar Division, Robert Gage Coal Company

W. J. O'BRYAN, (Retired), Utah-Idaho Sugar Company

HAROLD R. OLSEN, Franklin County Sugar Company

IRA A. RESCH, Spreckels Sugar Company

PAUL K. SMITH, Franklin County Sugar Company

FRANK R. TAYLOR, Canadian Sugar Factories, Ltd.

T. A. WEIR, Holly Sugar Corporation

Meritorious Service Award

These awards were presented at the Eleventh General Meeting to those who have been outstanding in promoting the objectives of this organization and who have been active in its affairs. The Society hereby acknowledges the important role each has played.

ROY BAINER

Roy Bainer was born near Ottawa, Kansas, in 1902. Following his grade school education in Amarillo, Texas, and Topeka, Kansas, he operated a wheat farm near Scott City, Kansas, between 1918 and 1924. During this period, he also worked winters for two companies manufacturing gas engines and served as a field service man during summers for a tractor company at Scott City, Kansas. He received a B.S. degree in Agricultural Engineering at Kansas State in 1926 and a M.S. degree from the same college in 1929. He served as an instructor in agricultural engineering at Kansas State between 1926 and 1929 whereupon he moved to the University of California, Davis, California. He has served the University of California as assistant professor, assistant agricultural engineer, professor of agricultural engineering and in 1947 became chairman of the Department of Agricultural Engineering. In 1952 he was appointed assistant dean of engineering, University of California, Davis, Berkeley, and Los Angeles campuses. He has served as a consultant to the British Minister of Agriculture, to the army of occupation in Japan, and as codirector of a mechanization center in Chile. His inventions include processing equipment for segmenting and decorticating sugar beet seed. He has received the highest honors bestowed by the American Society of Agricultural Engineers by his election as its president and as recipient of the McCormick Medal in 1948. He is a member of numerous professional societies and has been the author and coauthor of two books and many technical papers and bulletins. He has been a member of The American Society of Sugar Beet Technologists since 1940, has been chairman of sections, sessions, and has served on numerous committees.

VERNAL JENSEN

Vernal Jensen was born in Providence, Utah, on March 8, 1896. He was reared on a farm in Cache Valley, Utah, and attended the Utah State University. His college education was interrupted while serving with the U. S. Army during World War I and 18 months of this time were spent overseas. Following military service, he returned to the Utah State University and

completed his academic schooling, majoring in Chemistry. Although he had worked part time with The Amalgamated Sugar Company as early as October 1916, he commenced on a full-time basis with his company in 1920 as assistant chemist in the old Smithfield, Utah, plant. He was subsequently advanced to chief chemist and in 1930, he began working during the summer months in agricultural research, particularly devoting his efforts to the early development of curly-top resistant varieties of sugar beets. In 1934, he was transferred from the operating department to agricultural research as director of sugar beet development work. Vern has devoted many years to the improvement of the interrelations in the beet sugar industry. He has served ten years as a director of the Beet Sugar Development Foundation and, in the past, has served as its president and vice president. He has been a member of the American Society of Sugar Beet Technologists since its first meeting; has served on the Society's nominating committee; its awards committee; on the local arrangements committee; the program committee; has been elected several times to the advisory council; and has most recently served as the Society's vice president during the biennium 1958-59.

JOHN C. KEANE

John C. Keane was born at Pine Island, Minnesota, on August 18, 1897. His education includes a B.A. in Chemistry from Loras College, Dubuque, Iowa, and post graduate work at Georgetown, University of Washington, D. C. His employment with the beet sugar industry commenced with the Utah-Idaho Sugar Company, October 1919 at Garland, Utah, as assistant chemist. In October 1920 he was made chief chemist at Sugar City, Idaho, and in August 1923 became assistant factory superintendent. For six-month periods from January to July in 1923 and 1924, he was on leave of absence from the Utah-Idaho Sugar Company and on temporary appointments for Bureau of Chemistry, U. S. Department of Agriculture, Washington, D. C. In 1925 he took a permanent position with the Carbohydrate Division, Bureau of Chemistry, U. S. Department of Agriculture and was headquartered in Washington, D. C. During his assignment with the U. S. Department of Agriculture, he worked on problems of both cane and beet sugar. In April of 1937, he resigned from government service and resumed employment with the Utah-Idaho Sugar Company as assistant general superintendent. In March of 1943, he was promoted to general superintendent and became vice president and general superintendent in April 1959. Jack

has been on the advisory committee of the Sugar Research Foundation, Incorporated, since its inception, a member of the Sugar Research and Marketing Advisory Committee of the U. S. Department of Agriculture since October 1956, a member of the Beet Sugar Process Advisory Committee of the Beet Sugar Development Foundation for the Western Regional Laboratory, and many others. He has been a member of the American Society of Sugar Beet Technologists since 1938, has served on its resolutions committee, advisory council, has been chairman of the chemistry and factory operations section, has served on the awards committee, and on the nominating committee.

R. A. MCGINNIS

R. A. McGinnis was born in Douglas, Arizona, December 20, 1903. He was graduated from the University of California in 1925 with a B.A. in English. For a few years after graduation he was with the movie industry particularly in the film laboratories. This association turned his interests to the field of chemistry whereupon he returned to the University of California in pursuit of an advanced degree. In 1935 he was awarded the Ph.D. in Chemistry from the University of California and subsequently joined the staff of the Western Sugar Refinery as a research chemist. In 1939 he started his employment with the Spreckels Sugar Company as head research chemist. He was advanced to his present position of general chemist and director of chemical research in 1954. He has specialized as a research chemist in work on first carbonation process and on color and turbidity measurements of white sugar solutions. He is editor and author of the book "Beet Sugar Technology," and has authored many papers in the field of beet sugar technology. He has been chairman of numerous committees and advisory committees designed to further improved technology and standardization of methods and analyses. He has been a member of the American Society of Sugar Beet Technologists since 1948, has served on its constitution and bylaws committee, its nominating committee, and its editorial and review board.

LeROY POWERS

LeRoy Powers was born in 1902 at Sheldon, Iowa, and was reared on an irrigated farm on the Huntley Project near Billings, Montana. Following his graduation from high school in 1920, he entered Montana State College where he graduated in 1924 with a B.S. in Agronomy. He earned his M.S. degree in Plant Breeding in 1926 from Washington State College and was awarded

the Ph.D. in Plant Genetics from the University of Minnesota in 1931. In July of 1926 he was employed as assistant to the superintendent, Huntley Experimental Farm, Huntley, Montana, and in November of that year became assistant agronomist at Montana State College at Bozeman. From July 1930 to July 1935 he was assistant professor and associate professor, University of Minnesota in Minneapolis. From here, he moved to Cheyenne, Wyoming, where he became senior geneticist and principal geneticist at the Cheyenne Horticultural Field Station of the U. S. Department of Agriculture. From July 1942 to January 1945 he was assigned to the Special Guayule Rubber Project, U. S. Department of Agriculture, Salinas, California, as principal geneticist. For the next year and a half he was plant breeder with the Spreckels Sugar Company at Spreckels, California. In June of 1946 he returned to the Cheyenne Horticultural Field Station of the U. S. Department of Agriculture at Cheyenne, Wyoming, as principal geneticist. In July of 1954 he was transferred to the Sugar Beet Section of the Agricultural Service of the USDA at Fort Collins, Colorado, as principal geneticist, the position he currently holds. He has received numerous awards of distinction in his profession and has been recognized by the U. S. Department of Agriculture for his contributions to the agricultural sciences.

HELEN SAVITSKY

Helen Savitsky was born in Russia in 1901. She received her Agronomy Degree at the University of Agriculture, Charkov, in 1924. She graduated from the College of Genetics and Plant Breeding at Charkov in 1926 and earned a Master of Science Degree in Biology, Cytology at Moscow in 1937. In 1940 the Ph.D. in Biology, Cytogenetics from the University of Leningrad was awarded her. She started her work in cytogenetics and breeding of sugar beets in 1927 at the Belaja Zerkov Breeding Station and was appointed junior specialist in cytology, embryology. The next year she was promoted to senior specialist and chief of the laboratory of cytology at the breeding station. In 1930 she became chief, Cytological Laboratory, Research Institute for Sugar Industry in Kiev. In 1941 she became chief of Cytological Laboratory and of Labor for Oil Crops, Ukrainian Institute for Plant Breeding in Kiev. Two years later at Posen, Poland, she was a cytologist at the Institute of Botany at the University of Posen. In 1945 she became a cytogeneticist with the University of Halle, Halle/Sale, Germany, and the next year a research collaborator with the Sugar Beet Breeding Firm Nordhausen in Germany.

In 1947 she was assigned as a professor of anatomy, cytology, and embryology with the Ukrainian Technical Institute at Regensburg, Germany. Later that year she came to the United States and began working with the Curly Top Resistance Breeding Committee at Salt Lake City and as a collaborator with the U. S. Department of Agriculture. She is currently a cytogeneticist with the Beet Sugar Development Foundation in Salt Lake City and continues as a collaborator with the U. S. Department of Agriculture.

V. F. SAVITSKY

V. F. Savitsky was born in Russia in 1902. He received his Agronomy degree at the University of Agriculture, Charkov, in 1923. He then attended the College for Genetics and Plant Breeding at Charkov graduating in 1926. In 1936 he earned a Master of Science Degree in Biology, Genetics at Moscow and in 1939 was awarded the Ph.D. in Biology, Genetics from the University of Leningrad. He started working with the breeding of sugar beets in 1923 at the Charkov Breeding Station and in 1925 became junior specialist at the breeding station in Belaja Zerkov. At this time he was also assistant professor in genetics, plant breeding, and statistics at the University of Agronomy, Belaja Zerkov. In 1928 he became senior specialist and chief of the laboratory of genetics at the breeding station. Between 1930 and 1941 he was professor of genetics, plant breeding, and statistics in the University of Agronomy in Belaja Zerkov and was chief of the laboratory of genetics and plant breeding for the Research Institute for Sugar Industry, Kiev. In 1941, he was the Director, Ukrainian Institute for Plant Breeding at Kiev and between 1943 and 1945, he was a geneticist with the Institute for Plant Breeding, University of Posen, Posen, Poland. In 1945, he became a geneticist with the University of Halle, Halle/Sale, Germany, and the next year, a research collaborator with the Sugar Beet Breeding Firm Nordhausen in Germany. In 1947 he was assigned a professor genetics and plant breeding with the Ukrainian Technical Institute at Regensburg, Germany. Later that year he came to the United States and commenced work at Salt Lake City with the Curly Top Resistance Breeding Committee and as a collaborator with the U. S. Department of Agriculture. He is presently a geneticist with the Beet Sugar Development Foundation in Salt Lake City and continues as a collaborator with the U. S. Department of Agriculture.

HAROLD F. SILVER

Harold F. Silver was born in Salt Lake City on March 15, 1901. As a boy he worked in his father's shop, The Silver Brothers Iron Works, the first general machine shop in the state of Utah. He then attended the University of Utah and following graduation he received the assignment as chief engineer of the Ogden Iron Works Company of Ogden, Utah. In 1934, he became interested in the sugar beet industry and moved to Denver where he organized the Silver-Roberts Iron Works to build and develop sugar refining and handling equipment. He was vice president and general manager until 1940 when he purchased Roberts' interest and became the company's president. He was instrumental in the invention and development of a continuous diffusion process for the sugar industry and a continuous mining machine for the coal industry. In 1938, he organized a steel warehousing division called the Silver Steel Company. Both the Silver Steel Company and the Silver Engineering Works, Incorporated, continue to expand and better serve the needs of the beet sugar industry for improved equipment in its continuing efforts of modernization. Mr. Silver has been most generous with his time by sharing his leadership and business abilities with community, institutional, and social service projects. He has received a number of awards for his business and civic accomplishments such as the award of merit for business achievement in 1944 from the University of Colorado School of Business, the State Chamber's award for outstanding businessman in Colorado in 1951, and in 1957 the United Fund award for outstanding service. He is a director of the Denver Symphony Society, a Trustee of Denver University, is serving as president of the Denver Area Council, Boy Scouts of America, and a host of other activities of greater and lesser importance. He has been a member of the American Society of Sugar Beet Technologists since its beginning and has continued to be active in its affairs.

In Memoriam

H. R. BROOKMAN, Los Angeles, California

EDGAR B. COLE, Ogden, Utah

E. F. ELLINGSON, Salt Lake City, Utah

J. G. ENGLISH, Brighton, Colorado

H. H. FELDSTEIN, Cleveland, Ohio

M. A. GALLACHER, Hamilton, Ohio

KURT GRUNWALD, Bayport, Long Island, N. Y.

A. K. LOGAN, Alvarado, California

RAY SHARP, Sugar City, Colorado

CARL K. SIELAND, Caro, Michigan

GEORGE P. WRIGHT, Salinas, California