

CIBA-GEIGY Award

In 1975, the CIBA-Geigy Corporation established an award to give recognition to individual plant pathologists who have made outstanding and significant recent contributions to the advance of the study and knowledge of plant disease and/or practices for its control. The first recipient in 1975 was Donald J. Hagedorn who received a certificate and an all-expense-paid travel award to Basel, Switzerland. The recipient in 1976 is Alex L. Shigo who received a certificate and an appropriate prize. The awards were announced at the 1975 Annual Meeting in Houston, Texas.



DONALD J. HAGEDORN is honored by the CIBA-Geigy Award for his major contributions to the understanding and control of pathogens of beans and peas. Although his primary interest has been virus diseases, he has contributed no less to research on root rots and bacterial diseases of bean. He helped to develop the first processing

beans resistant to both races of the halo blight pathogen, and led in the development and release of several processing pea varieties resistant to wilt, near-wilt, and mosaic. He has also developed pea lines containing new combinations of genes with disease resistance, plus genes for improved plant type and quality.

Recently, Dr. Hagedorn and his students were among the first to recognize and characterize a serious new seed-borne mosaic virus disease of peas in the United States. Their work included basic studies on the virus itself and the development of disease-resistant processing peas that have been of value to the industry. This timely research played a prime role in the eradication of this virus from pea fields within four years of its discovery in the United States.

Dr. Hagedorn was born on May 18, 1919, in Moscow, Idaho. He obtained a B.S. degree at the University of Idaho in 1941 and M.S. and Ph.D. degrees from the University of Wisconsin in 1943 and 1948. Upon completion of his graduate work, he was appointed Assistant Professor of Plant Pathology at Wisconsin and was promoted through the ranks to his present position of Professor in 1958. He served as Chairman of the Department during 1971-72. He is recognized as one of the world authorities on legume viruses, and was a prime mover in the organization of the International Working

Group on Legume Viruses. His authoritative treatise on pea viruses was recently published as a monograph by APS. He was the recipient of an NSF Senior Postdoctoral Award in 1957 and in 1961 he shared the AAAS - Campbell Award with one of his students, R. Sherwood. This outstanding record clearly merits the recognition provided by the CIBA-Geigy Award.



ALEX L. SHIGO is recognized by the CIBA-Geigy Award for his contribution to knowledge, detection, and control of discoloration and decay in living trees and lumber, and for his efforts to transmit scientific information in this area to the general public. His work on the succession of microorganisms within developing columns of decay has helped to open a new

field of research and has provided explanations for many conflicting reports on the presence or absence of decay-causing organisms within discolored wood. His studies of the response of trees to wounding and of the compartmentalization of wounded tissues have led to a new approach to the protection of wounds and the prevention of decay.

Dr. Shigo's most recent contribution has been the development, with other scientists, of an electronic device named the "Shigometer." This device can be used to detect and map discoloration and decay in both living trees and lumber. This instrument should have important applications, both practical and scientific.

Dr. Shigo was born May 8, 1930 in Duquesne, Pennsylvania. He received the B.S. degree from Waynesburg College and both the M.S. (1958) and Ph.D. (1959) in plant pathology from West Virginia University. Following graduate study he served with the United States Forest Service, Northeastern Forest Experiment Station, first at Laconia, and later at Durham, New Hampshire, where he is now Chief Plant Pathologist. In 1957, he was awarded the Mycological Society of America Fellowship. In 1974 he was honored by the USDA as a Superior Scientist, and in the same year received the Award of Merit from the Northeast Division of APS. He has received other awards from the Northeast Loggers Association, New York Arborists Association, Maryland Arborists Association, and the Distinguished Alumnus Award from Waynesburg College.