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BOOK REVIEW

POGOSYAN, K. S.: **Fiziologicheskie Osobennosti Morozoustoïchivosti Vinogradnogo Rasteniya [The Physiological Characteristics of Frost Resistance of the Grape Plant].** — Izd. Akad. Nauk Armyanskoï SSR. Erevan 1975, 239 pp. Rbl. 1.38, in Russian.

This book is based on many years investigations of physiology of frost resistance of the grape plants carried out by the author and his co-workers in the Institute of Viticulture, Wine-making and Horticulture in Mertsavan. The ability of the grape to endure low temperature is examined in connection with its growth rate, dynamics and ripening degree, level of hardening processes and the rhythm of stages of the annual development cycle. The theoretical considerations on freezing and thawing processes in plant tissue, especially the role of water retaining ability of the cells as well as practical methods of hardening are included. The text is illustrated with 42 figures and 53 tables. The useful list of 460 references facilitates further extension of knowledge in the needed direction. In my opinion, the summary in English is also important. The book may be recommended to all research workers interesting in the frost resistance of plants.

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