



**Dr. Maria Carmo Vasconcelos**

*Senior Scientist, Plant & Food Research Marlborough, New Zealand*

After completing her degree in Agriculture Engineering at the Technical University of Lisbon, Carmo moved to Switzerland to continue her education at the Swiss Federal Institute of Technology (ETH) in Zurich. She obtained her PhD in grapevine physiology in 1990. She conducted her research at the Swiss Federal Research Station for Fruit Growing, Viticulture and Horticulture in Wädenswil. Following her graduate studies, Carmo did a post-doc on sustainable viticulture, also in Wädenswil. Her second post doc was on grapevine cold hardiness, at Michigan State University. She was an Associate Professor and Extension Specialist of Viticulture at Oregon State University from 1994 to 2007. Dr. Carmo joined Plant and Food Research in 2007 bringing her experience from 24 years of Pinot Noir research in Europe and in the USA. Multicultural and multilingual, she is internationally recognized for her work on carbohydrate production and allocation (photosynthesis and translocation), canopy management, rootstocks, and sustainable viticulture. As an extension specialist she worked with the grape industry in many other areas such as Chardonnay and Pinot Noir clone evaluations, Nitrogen nutrition, water relations and fruit ripening. The impact of most of these cultural practices was evaluated for phenolic composition of resulting wines.