

**Title** Proposal for a rationalized system of units for postharvest research in gas exchange.  
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#### **Abstract**

In postharvest studies of gas exchange, evaluation of previous research is greatly complicated by the plethora of units used in presenting data. Conversions made by the end user of data from alternative systems of units must rely on assumptions that may not be true. Although each system of units has advantages and disadvantages for different sets of circumstances, expediency is often the basis for selection because some systems require more computational effort than others. We propose a set of units for presenting postharvest research on gas exchange, developed from a preliminary proposal discussed at the Sixth Controlled-atmosphere Research Conference (Banks and Cleland, 1993). The objective of this proposal is to provide a system of units that facilitates accurate and clear representation of information on gas exchange characteristics of harvested horticultural crops.