

Alan N. Lakso Publications since 2000

## **2000**

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Comas, L.H., D.M. Eissenstat and A.N. Lakso. 2000. Assessing root mortality and decomposition in a study of canopy pruning in Concord grape. *New Phytologist* 147:171-178.

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Lakso, A.N. 2000. Basics of water balance in New York vineyards. *Proc. 29th NY Wine Industry Workshop, NYS Agric. Exper. Sta.*, p 94-101.

Pool, R.M. and A.N. Lakso. 2000. Recognizing and responding to drought stress in maturing grapevines. *Proc. 29th NY Wine Industry Workshop, NYS Agric. Exper. Sta.*, p. 102-114.

Wünsche, J. and A. N. Lakso. 2000. The relationship between leaf area and light interception by spur and extension shoot leaves to apple orchard productivity. *HortScience* 35:1202-1206.

Psarras, G., I.A. Merwin, A.N. Lakso and J.A. Ray. 2000. Root growth phenology, root longevity, and rhizosphere respiration of field-grown 'Mutsu' apple trees on 'Malling 9' rootstock. *J. Amer. Soc. Hort. Sci.* 125:596-602.

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Rebucci, B., S. Poni, C. Intrieri, E. Magnanini, and A.N. Lakso. 2000. Effects of manipulated berry transpiration on post-veraison sugar accumulation. *Acta Hort.* 513:467-475.

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Lakso, A.N., M.D. White and D.S. Tustin. 2001. Simulation modeling of the effects of short and long-term climatic variations on carbon balance of apple trees. *Acta Hort.* 557:473-480. (NZ Orchard Systems/Rootstock/Phys Symposium).

Eissenstat, D.M., L.H. Comas, L.J. Anderson, and A.N. Lakso. 2001. Root Biology in Grapes: A Case Study of the Effects of Canopy Pruning and Irrigation on Concord Root Dynamics. *Penn. Fruit News* (in press).

Lakso, A.N. and R.M. Pool. 2001. The effect of water stress on vineyards and wine quality in Eastern climates. *Wine East* 29(4):12-20,51.

Bates, T.R., G. English-Loeb, R.M. Dunst, T. Taft , and A. Lakso. 2001. The interaction of phylloxera infection, rootstock, and irrigation on young Concord grapevine growth. *Vitis* 40:225-228.

**2002:**

Lakso, A. N., R.M. Pool, L. Cheng, T. Martinson and K-T. Li. 2002. Drought and Water Stress in New York Vineyards and the Potential for Atypical Aging of New York Wines. Proc. 31st NY Wine Industry Workshop, NYS Agric. Exper. Sta., p

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**2003:**

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Anderson, L.J., L.H. Comas, A.N. Lakso and D.M. Eissenstat. 2003. Multiple factors in root survivorship: a four-year study in Concord grape. *New Phytologist* 158(3): 489-501.

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Dragoni, D., A.N. Lakso, and R.M. Piccioni. 2004. Transpiration of an apple orchard in a cool humid climate: measurement and modeling. *Acta Hort.* 664:175-180.

## **2005**

Wolfe, D.W., M.D. Schwartz, A.N. Lakso, Y. Otsuki, R.M. Pool and N.J. Shaulis. 2005. Climate change and shifts in spring phenology of three horticultural woody perennials in the northeastern United States. *Internat. J. Biometeorol.* 49(5):303-309. (*online 9 Dec 2004*)

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Corelli Grappadelli, L. and Alan N. Lakso. 2005. L’effetto di fattori fisiologici e delle condizioni ambientali sullo sviluppo dei frutti. *Italus Hortus* 12(1):19-32.

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## **2006**

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Eissenstat, David M., Xuming Huang, and Alan N. Lakso. 2006. Modeling carbon allocation below ground. *Acta Hort.* 707:143-150.

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## **2007**

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