Technical note

Rhizoboxes as Rapid Tools for the Study of Root Systems of Prunus Seedlings

Ricardo A. Lesmes-Vesga[1], Liliana M. Cano[2], Mark A. Ritenour[1], Ali Sarkhosh[3], José X. Chaparro[3] and Lorenzo Rossi[1,*]

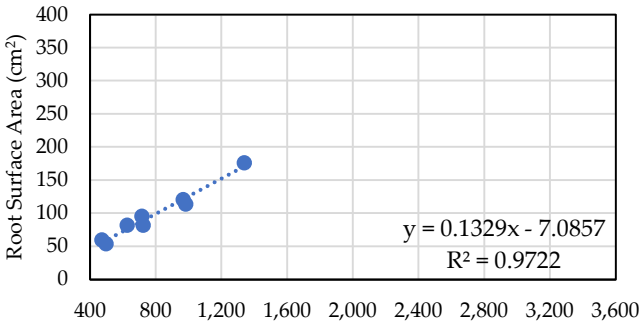
[1] Horticultural Sciences Department, Indian River Research and Education Center, Institute of Food and Agricultural Sciences, University of Florida, Fort Pierce, FL 34945, USA

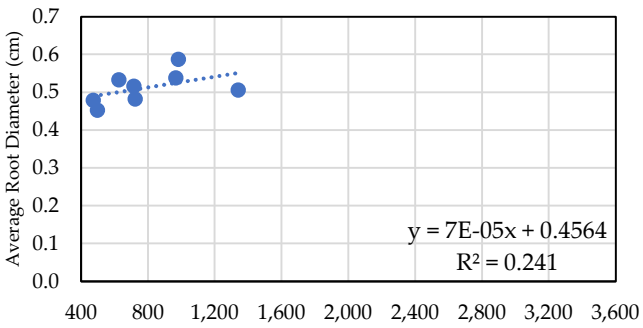
[2] Plant Pathology Department, Indian River Research and Education Center, Institute of Food and Agri-cultural Sciences, University of Florida, Fort Pierce, FL 34945, USA

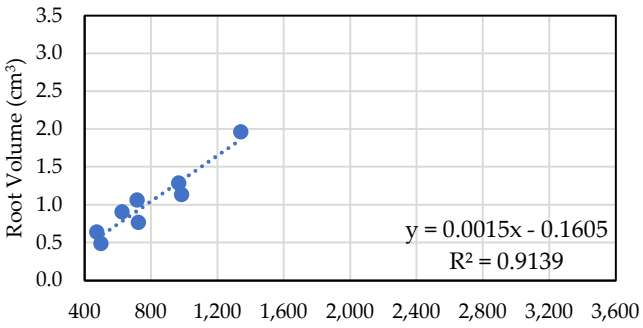
[3] Horticultural Sciences Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL 32603, USA

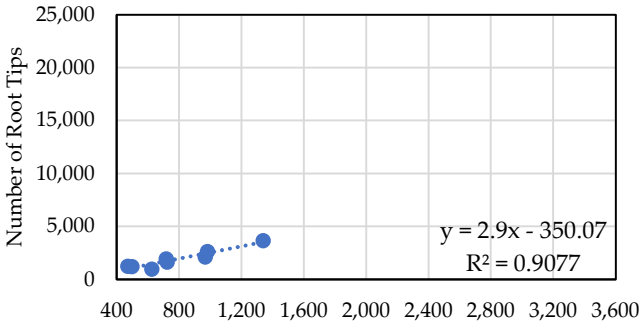
*For correspondence: l.rossi@ufl.edu; Tel.: +1-772-577-7341

'Guardian'™

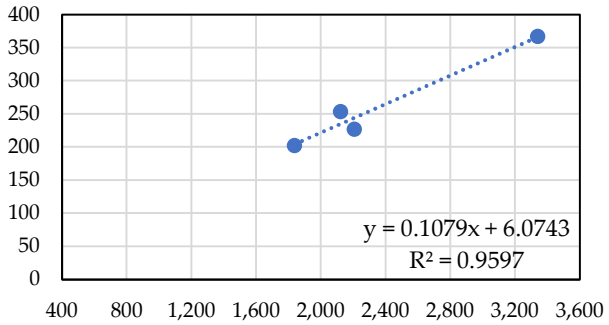


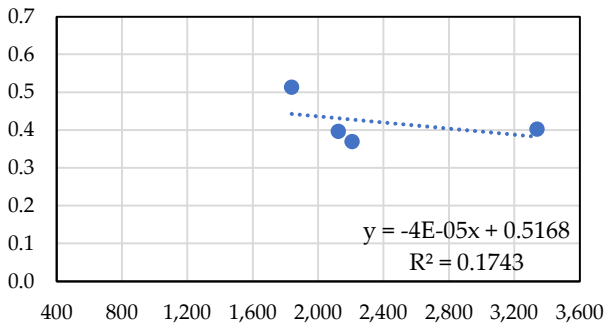


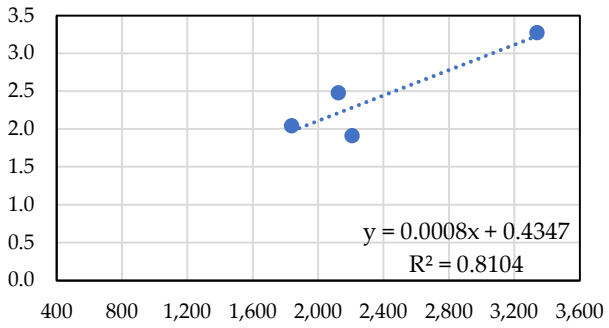


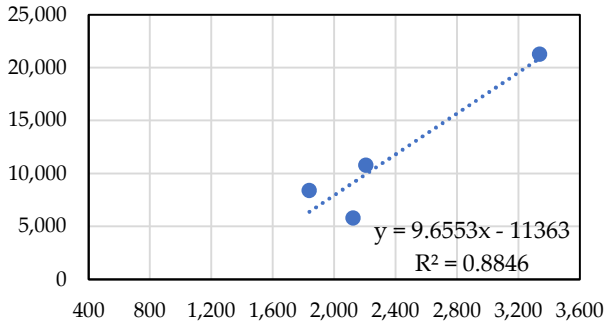


'Okinawa'









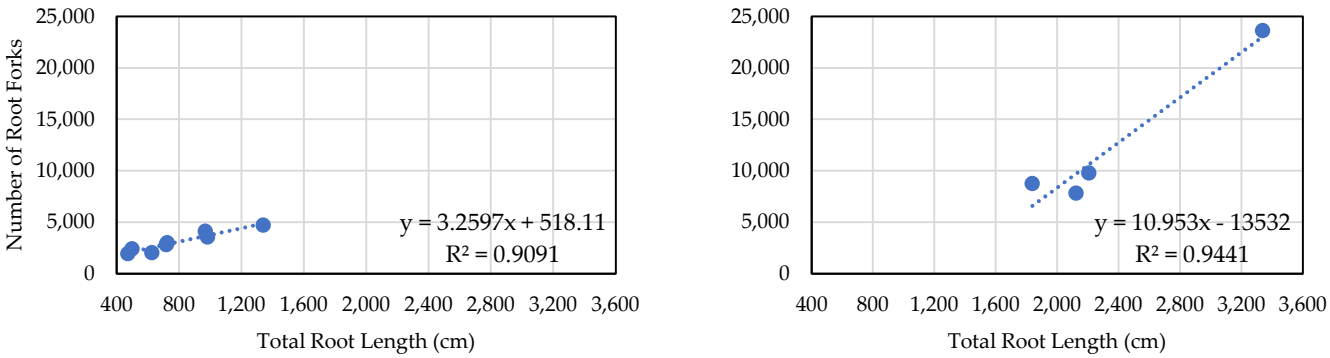


Figure S1. Linear regressions of root morphological parameters in 'Okinawa' and 'Guardian'TM rootstocks for total root length, total root surface area, average root diameter, total root volume, number of root tips, and number of root forks.

Table S1: Linear regressions R^2 values of root morphological parameters in 'Okinawa' and 'Guardian'™ rootstocks for total root length, total root surface area, average root diameter, total root volume, number of root tips, and number of root forks.

	Total Root Length – Linear regressions (R^2)	
	'Guardian'™	**'Okinawa'**
Root Surface Area (cm^2)	0.9722	0.9597
Average Root Diameter (cm)	0.2410	0.1743
Root Volume (cm^3)	0.9139	0.8104
Number of Root Tips	0.9077	0.8846
Number of Root Forks	0.9091	0.9441