

Wallace Farm
860 Plain Field Pike
Greene, RI 02827

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Mycoroots
Efren Cazares – Mycology Consultant, PhD
1970 NW Lance Way
Corvallis, OR USA. 97330-2209
541 752 0339
mycoroots@comcast.net
<http://www.mycoroots.com>

ARBUSCULAR MYCORRHIZAL FUNGAL PROPAGULE ANALYSIS
SPORE, HYPHAE AND MYCORRHIZAL ROOT FRAGMENTS EXTRACTION AND COUNT

Method: One sample of 20 gr dry weight was processed by wet sieving/sucrose centrifugation.

Sieves used were 1 mm, 250 and 38 microns opening mesh respectively.

Final extract was stained with 10 drops of Aniline Blue 0.05% in lactoglycerol.

Analysis was done with a dissecting scope using 6-40x magnification.

Arbuscular Mycorrhizal Fungal Propagules in 20 gr.				
Sample ID	Spores	Hyphae	Mycorrhizal root fragments	Total mycorrhizal propagules
WOW	582	9000	175	9757
PUMPKIN PRO				
Arbuscular Mycorrhizal Fungal Propagules in 1 gr.				
Sample ID	Spores	Hyphae	Mycorrhizal root fragments	Total mycorrhizal propagules
WOW	29	450	9	488
PUMPKIN PRO				