

Wallace Farm  
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May 20, 2017  
Report: 17-5-20-51



**Mycoroots**

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**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.

**RESULTS**

<b>Arbuscular Mycorrhizal Fungal Propagules in 20 gr.</b>				
<b>Sample ID</b>	<b>Spores</b>	<b>Hyphae</b>	<b>Mycorrhizal root fragments</b>	<b>Total mycorrhizal propagules</b>
<b>WOW Premium mycorrhizae</b>	924	10000	15	10939
<b>Arbuscular Mycorrhizal Fungal Propagules in 1 gr.</b>				
<b>Sample ID</b>	<b>Spores</b>	<b>Hyphae</b>	<b>Mycorrhizal root fragments</b>	<b>Total mycorrhizal propagules</b>
<b>WOW Premium mycorrhizae</b>	46	500	1	547