

Water Holding Variance from Std. 70% Peat/30% Perlite vs. Wool Pellet Mix

7.57 Liter/2.00 GAL- W.W.W. Wooley Water Wise Hanging Basket 95% Peat 5% Wool dry down vs.
Traditional 70% Peat/30% Perlite Soil Mix

Date	Pre-Wet	7/27/2015	7/28/2015	7/29/2015	7/30/2015	7/31/2015	8/1/2015	% Diff.
Trial 1-weight in Kg	2.43	5.00	4.85	4.66	4.47	4.24	3.86	40.9%
Trial 2-weight in Kg	2.39	3.76	3.51	3.18	3.03	2.92	2.74	

Description

Series 1	Wool Pellet/Peat - (Special WWW.Soil Mix)
Series 2	30 % perlite, 70% peat (Traditional Soil Mix)

Additional Water Holding in Experiment:

Difference at 7 days = +40.9% Overall

Traditional Mix at 7 days = 0.13 Kg Water in Pot

WWW Mix at 7 days = 1.44 Kg Water in Pot

1.48 Liter Water remaining in WWW pot at 7 days

All Pots weighed dry on day 1

All Pots watered to saturation on day 2

Allowed to dry down in greenhouse until day 7

average greenhouse temperature 22 degree C.

7.57 Liter of water = 7.57 Kilo

Media has 34% Air Capacity

Dry down by weight

