

**Media Test 2003**

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Twelve entries were tested in 2003. All media were used directly from the bag without adding any water. Trays (288 cell) were filled mechanically with a Berry Seeder filler box. After adding a bag of media to the hopper the first three trays were discarded and the next four trays were kept for the test. Trays were seeded with Rickard TN90 pelleted tobacco seed (lot number R90ABCEi) and floated in a randomized block design in a common float bay. Temperature was maintained between 68 to 82°F during germination. Dry cells, germination and spiral roots were counted 2 weeks after seeding. Usable plants were counted at transplanting time. Usable plant % was extremely low due to the high incidence of spiral root in the 2003 test. There was a large amount of variability that could not be assigned to treatments, thus the large LSD values. Questions? Contact Bob Pearce at [rpearce@uky.edu](mailto:rpearce@uky.edu).

Brand of Media	Germination %	Spiral Root %	Usable plant %
Burley Gold	80.3	9.3	67.8
Burley Gold*	93.9	8.5	78.3
Carolina Silver	86.4	11.9	71.6
Carolina Silver*	90.2	8.9	75.8
Carolina Choice	89.8	14.4	72.6
Promix TA	89.2	9.7	70.6
Scotts Potting Media	88.1	12.3	69.5
Southern States	87.2	14.3	65.9
Southern States w COIR	95.5	20.0	72.2
Speedling Peat-lite	91.3	14.6	70.7
Speedling Fortified	92.4	11.8	73.2
Sunshine LT5	84.0	8.3	71.8
<b>LSD 0.05</b>	<b>12.0</b>	<b>4.9</b>	<b>9.4</b>

\* Tested in Beltwide Inc. 288 “Glazed” trays.

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