



May 1, 2012

TO WHOM IT MAY CONCERN:

This is to certify that the Premium Topsoil produced by the Specialty Products Plant, is registered by and licensed with the Virginia Department of Agriculture and Consumer Services as a Horticultural Growing Medium in compliance with the Virginia Fertilizer Licensing and Registration law.

This Premium Topsoil product is manufactured from native soil materials, organic compost, and mineralized igneous rock dust to produce rich, loamy topsoil that is well balanced in organic matter, plant available plant nutrients, and pH. It was developed cooperatively with the Department of Crop and Soil Sciences at Virginia Polytechnic Institute and is equal to or better than natural topsoils in productivity potential for most athletic field construction rootzone, horticultural, landscaping, and gardening applications.

Test results show an average organic matter content of 4-6%, a moderate pH of 6.0-7.5, soluble salts <2.0 mmhos/cm, and low sodium. Plant available P is >30 ppm, K and Mg are both >100 ppm, and Ca >1000 ppm. This topsoil also provides balanced levels of plant available micro-nutrients B, Cu, Fe, Mn, and Zn. A textural classification of 'sandy loam' ensures the proper balance between the water retention that plants need and the drainage necessary to inhibit growth of fungus and bacteria.

Respectfully,

LUCK STONE CORPORATION  
Specialty Products Plant

A handwritten signature in black ink, appearing to read "Mitchell C. Crenshaw".

Mitchell C. Crenshaw  
Manager: Laboratory Services

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