A commercially available composted cow manure was used as a potting media amendment. A common base mix for woody ornamentals of 8 parts pine bark and 1part sand was compared with 3 other mixes that contained 20%, 30%, and 40% compost (v/v). The remaining fraction of these three mixes was the base mix (bark and sand). Samples of the pine bark and compost were analyzed to determine the following plant nutrients and mineral concentrations: nitrogen (organic and soluble), carbon, P2O5, K2O, Ca, S, Mg, Mn, Cu, Zn, Na, Fe, and Al. The chemical characteristics of the three compost-based potting media mixes were calculated on a mass basis. The aeration porosity, total porosity, volumetric water holding capacity and bulk density of the four mixes were measured using a chamber that was constructed to facilitate measurement of the physical properties of potting media. The results indicated that increasing the percentage of compost in potting media caused the desired decrease in aeration porosity, and total porosity. The data of moisture release curve was obtained using the pressure plate and dew point methods. The results indicated that the 20% compost potting media mix had the lowest refil

Cajun Night Before Christmas: With Gaston the Green-Nosed Alligator, From Chicago to L.A.: Making Sense of Urban Theory, How to Change an Organization Without Blowing It Up - Journal Article, Closing More Sales (Pinpoint Sales Skill Development Training Series), Happy Feet - Conoce a Los Pinguinos de Adela (Spanish Edition), A Girl Like Me, Transforming Education: The South African Experience (Volume in Education: Emerging Goals in the New Millennium Series), Dreams Do Come True,

terms of air/water relations in the root zone, the quality of the peat used is very impor-. Growing Media for Greenhouse Production tant. Peat that has been milled. The production of greenhouse crops involves a number of cultural inputs. Among these, perhaps the most important is the type of growing medium used. Due to. in both nursery and greenhouse mixes. Peat is usually included in a mix to increase the water-holding capacity or to decrease the weight. Peats used in. Greenhouse Potting Mix. 1. Application. Potting mixes used in commercial greenhouses contain high proportions of peat and artificial materials such as perlite.

Consider pretesting your potting mix by doing your own greenhouse If you use compost, make sure you are using high-quality compost at the.

free!