

# **Grades and Standards for Nursery Plants**

## ***Updates May 2005***

Florida Division of Plant Industry

The following updates have been made to the Grades and Standards Publications available on the Division of Plant Industry internet website.

### **Tree section**

Page 4, Step 2, first sentence in note: Added the following after the words narrow, upright trees: (see Narrow, Upright Tree Appendix). [the Narrow, Upright Tree Appendix is listed below].

Page 4, Step 8: Replaced “If any of the following ....” with “If one or more of the following ....” Also replaced same in Step 8 on pages 7 and 8.

Page 4, top paragraph: Added the following sentence to the end of the first paragraph. “See Small Tree Appendix for a partial list of these small maturing, ornamental trees.” [The Small Tree Appendix is listed below]

Page 4, second paragraph in top: Replaced the last sentence with the following: “Skip Step 2 if you are grading conifers, (e.g. pines), magnolias, hollies, loblolly bay, bald-cypress and other narrow, upright trees (see Narrow, Upright Tree Appendix). [Narrow Upright Tree Appendix is listed below]

Page 4, Step 5, first sentence in parenthesis: Added the following after the phrase other similar trees: (see Small, Ornamental Tree Appendix).

Page 8, Step 5, first sentence in parenthesis: Added the following after the phrase other similar trees: (see Small, Ornamental Tree Appendix).

Page 8, second paragraph: Added the following as the second sentence - “See Small Tree Appendix for a partial list of these small maturing, ornamental trees.” [The Small Tree Appendix is listed below]

Page 10: Added the following to the end of the Florida Fancy paragraph. “If the trunk divides in two nearly equal-diameter stems in the upper 10% of the tree, the trunk is not downgraded to a Florida #1.”

Page 10, Florida#2 paragraph: Added the following sentence to the end of the paragraph – “A dogleg in the crown of the tree is not a downgrading factor.”

Page 11, first paragraph first sentence in the Note: Added “(see Narrow, Upright Tree Appendix) after the words narrow, upright trees.

Page 11, Florida #1 paragraph, second sentence: After the first word in the sentence, inserted the word “major”. The sentence now reads “Other major branches of nearly equal.....”

Page 14, 20, 26, 30, 34: Added note to the bottom of each matrix: “ANZI standards Z60.1 designations for container size (e.g. #3, #15, #30, etc.) can be substituted for minimum container volume.”

Page 20, 26, 30: “Maximum crown spread diameter” now reads “Minimum crown spread diameter”

Page 26: Minimum height for ½” caliper trees now reads 2’ instead of 2”.

Page 39 and 43: *Quercus laurifolia* is changed to Matrix 5 instead of 1.

Page 47, Trunk dogleg: Added the following to the end of the definition. “A dogleg in the crown of the tree is not a downgrading factor.”

Page 41, Added the following to the “Index of trees commonly sold by Florida nurseries listed by common name and matrix type” on page 37 and to “Index of trees commonly sold by Florida nurseries listed by scientific name and matrix type”:

|                   |  |                         |
|-------------------|--|-------------------------|
| Matrix type three | <i>Quercus virginiana</i> Highrise™ PP#11219 | Highrise™ live oak      |
| Matrix type three | <i>Quercus virginiana</i> Cathedral Oak™     | Cathedral Oak™ live oak |
| Matrix type one   | <i>Quercus virginiana</i> Millenium™         | Millenium™ live oak     |

### **Narrow, Upright Tree Appendix**

*Araucaria* spp.

*Betula nigra* and cultivars

*Cryptomeria* spp.

*Cunninghamia*

X *Cupressocyparis leylandii* and cultivars

*Cupressus* spp.

*Gordonia lasianthus* and cultivars

*Ilex* spp.

*Juniperus virginiana* and *J. silicicola*

*Liquidambar* spp. and cultivars

*Magnolia grandiflora* and cultivars

*Magnolia virginiana* and cultivars

*Nyssa* spp.

*Pinus* spp.

*Pyrus calleryana* cultivars

*Taxodium* spp.

## Small, Ornamental Tree Appendix

*Acacia farnesiana*  
*Acer palmatum* and cultivars  
*Caesalpinea pulcherrima*  
*Callistemon* spp. and cultivars  
*Cassia bicapsularis*  
*Chionanthus retusus*  
*Chionanthus virginicus*  
*Citrus* spp.  
*Guaiacum* spp.  
*Ilex vomitoria* and cultivars  
*Lagerstroemia* cultivars  
*Ligustrum japonicum*  
*Magnolia x soulangiana*  
*Malphigia glabra*  
*Malus* spp. and cultivars  
*Myrica cerifera*  
*Parkinsonia aculeata*  
*Photinia* spp. and cultivars  
*Platycladus orientalis*  
*Plumeria* spp.  
*Prunus* spp. and cultivars  
*Psidium* spp.  
*Tecoma stans*

## Palm section

Added to end of page 24 – “Note: If specifications call for clustered palms with no stems of intermediate height, then that should not be a downgrading factor.”

Page 10, note #2 below Table 2: Added the following to the end of the sentence - “to the edge of the ball.”

Page 13: “Matrix A single trunk, palmate palms” now reads “Matrix A single trunk, pinnate palms.”

Page 14, #2 and e: Chlorosis is now correctly spelled.

Page 14, #4 now reads: “Holes, cavities or gouges exceeding ¼” deep and either 1” wide or 3” long.”

Page 14, #5 now reads: “Root ball width under-sized by 10% or more.”

Page 14, b now reads: For each hole, cavity, gouge or depression either less than 1” wide or less than 3” long.

Page 14, h now reads: “Root ball under-sized, but not by more than 10%.”

Page 18, Table 4, left column second row: Changed B1 to B-2.

Page 19: Added new paragraph after the third paragraph: Boot scars must be intact on Sabal palm trunks that have had their leaf bases removed. Sanding of the trunk to remove mechanical damage or fire damage shall render the trunk a cull.

Page 20, added to one-grade deductions as i: “Root ball under-sized, but not by more than 30% of the width.”

Page 20, #4: now reads “Holes, cavities or gouges exceeding ¼” deep and either 1” wide or 3” long”

Page 20, #5. Changed wording to read “Root ball undersized by 10% or more.”

Page 25, #5: Changed wording to read “Root ball undersized by 10% or more.”

Page 25, added to one-grade deductions as j: “Root ball under-sized, but not by more than 30% of the width.”

Page 25, #4 now reads: “Holes, cavities or gouges exceeding ¼” deep and either 1” wide or 3” long”

Page 25, c: Now reads “For each mechanical scrap, hole, cavity, gouge or depression in a main or intermediate trunk less than 1” wide or 3” long.

Page 25, added to after i: “Note: For clustering palms, the final grade shall be the lowest grade determined for each of the intermediate and main trunks.”

Page 30 fourth line from bottom: Matrix type for *Phoenix dactylifera* changed to A-2, and minimum height is 12-14’.

Page 32, *Phoenix dactylifera*: same changes as above as above