

Florida FGT, LLC

Dr. Donald L. Rockwood

PO Box 357103

Gainesville, FL 32635-7103

(352) 256-3474

FloridaFGT@cox.net

www.FloridaFGT.com

Fast Growing Trees for Multiple Applications

MISSION: Florida FGT provides professional advice and services on multiple applications of fast-growing Eucalyptus, Corymbia, Populus, Taxodium, and Pinus species.

SPECIES: E. amplifolia (EA, Top left), E. grandis (EG, Top right, Middle left, Middle right), Corymbia torelliana (CT, Bottom left), cottonwood (PD, P. deltoides, Bottom right), cypress (TD), and slash pine hybrids (EH) may be used for multiple applications.



APPLICATIONS: Mulchwood (MW); traditional wood products such as Pulpwood (PW), Posts/Poles (P/P), Lumber (ST), and Medium Density Fiberboard (MDF); Energywood (EW); Phytoremediation (P); Windbreaks (WB); Ethanol (ET); Carbon sequestration (CS); Charcoal (CC); and Honey (H) as tabulated below. For example, *E. grandis* (EG) is suitable for all 12 applications.

Species	Application											
	MW	PW	P/P	ST	MDF	EW	P	WB	ET	CS	CC	H
EA	X	X			X	X	X	X	X	X	X	X
EG	X	X	X	X	X	X	X	X	X	X	X	X
CT								X		X		X
PD		X				X	X		X	X		
TD	X			X						X		
EH	X	X	X	X		X		X		X		

When grown as short rotation woody crops (SRWC), EA, EG, and PD can be harvested initially in 4 years or less and, through coppicing, several times thereafter without replanting.

STAFF: Dr. Donald L. Rockwood, President of Florida FGT, has over 30 years of experience on the development and use of EA, EG, CT, PD, TD, and slash pine hybrids in Florida and elsewhere. Now Professor Emeritus at the School of Forest Resources and Conservation, University of Florida, he is responsible for the genetic improvement of several SRWC species, including the commercial release of four EG cultivars and the development of SRWC systems using EA, EG, and PD, and continues to conduct research on SRWCs.

INFORMATION: For more information on these topics, visit the following websites.

Topic	Website
Mulchwood	www.aactionmulch.com , www.7lbrands.com
Lumber	www.lyptus.com/manufacturers/products/lyptus-lumber
MDF	www.eucatex.com.br/eucatex/vitrine.asp?A1=9
Energywood	www.treepower.org , edis.ifas.ufl.edu/pdf/FR/FR16900.pdf , www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2635734 , etd.fcla.edu/UF/UFE0012141/langholtz_m.pdf ,
Phytoremediation	www.hinkleycenter.com/publications/01_03Rockwood.pdf , www.springerlink.com/content/n8258x036171221r/fulltext.pdf
Windbreaks	edis.ifas.ufl.edu/pdf/FR/FR25300.pdf , edis.ifas.ufl.edu/pdf/FR/FR28600.pdf , www.crec.ifas.ufl.edu/extension/windbreaks/pdf/plant_species.pdf
SRWC	www.sfrc.ufl.edu/faculty/rockwood/research.pdf
EG Cultivars	ffsp.net/resources/itn09-01-04.pdf
Rockwood and publications	www.sfrc.ufl.edu/faculty/rockwood/index.html , www.sfrc.ufl.edu/faculty/rockwood/pub.html