

Family: *Agavaceae*

Taxon: *Dracaena marginata 'Tricolor'*

Synonym:

Common Name: Variegated Dracaena
Tricolor Dracaena
Rainbow Tree
Red-margined Dracaena

Questionnaire :	current 20090513	Assessor:	Patti Clifford	Designation:
Status:	Assessor Approved	Data Entry Person:	Patti Clifford	WRA Score -1
101	Is the species highly domesticated?		y=-3, n=0	n
102	Has the species become naturalized where grown?		y=1, n=-1	
103	Does the species have weedy races?		y=1, n=-1	
201	Species suited to tropical or subtropical climate(s) - If island is primarily wet habitat, then substitute "wet tropical" for "tropical or subtropical"		(0-low; 1-intermediate; 2-high) (See Appendix 2)	High
202	Quality of climate match data		(0-low; 1-intermediate; 2-high) (See Appendix 2)	High
203	Broad climate suitability (environmental versatility)		y=1, n=0	n
204	Native or naturalized in regions with tropical or subtropical climates		y=1, n=0	y
205	Does the species have a history of repeated introductions outside its natural range?		y=-2, ?=-1, n=0	y
301	Naturalized beyond native range		y = 1*multiplier (see Appendix 2), n= question 205	n
302	Garden/amenity/disturbance weed		n=0, y = 1*multiplier (see Appendix 2)	n
303	Agricultural/forestry/horticultural weed		n=0, y = 2*multiplier (see Appendix 2)	n
304	Environmental weed		n=0, y = 2*multiplier (see Appendix 2)	n
305	Congeneric weed		n=0, y = 1*multiplier (see Appendix 2)	n
401	Produces spines, thorns or burrs		y=1, n=0	n
402	Allelopathic		y=1, n=0	
403	Parasitic		y=1, n=0	n
404	Unpalatable to grazing animals		y=1, n=-1	
405	Toxic to animals		y=1, n=0	y
406	Host for recognized pests and pathogens		y=1, n=0	
407	Causes allergies or is otherwise toxic to humans		y=1, n=0	n
408	Creates a fire hazard in natural ecosystems		y=1, n=0	
409	Is a shade tolerant plant at some stage of its life cycle		y=1, n=0	
410	Tolerates a wide range of soil conditions (or limestone conditions if not a volcanic island)		y=1, n=0	y

411	Climbing or smothering growth habit	y=1, n=0	n
412	Forms dense thickets	y=1, n=0	
501	Aquatic	y=5, n=0	n
502	Grass	y=1, n=0	n
503	Nitrogen fixing woody plant	y=1, n=0	
504	Geophyte (herbaceous with underground storage organs -- bulbs, corms, or tubers)	y=1, n=0	n
601	Evidence of substantial reproductive failure in native habitat	y=1, n=0	
602	Produces viable seed	y=1, n=-1	
603	Hybridizes naturally	y=1, n=-1	
604	Self-compatible or apomictic	y=1, n=-1	
605	Requires specialist pollinators	y=-1, n=0	n
606	Reproduction by vegetative fragmentation	y=1, n=-1	n
607	Minimum generative time (years)	1 year = 1, 2 or 3 years = 0, 4+ years = -1	>3
701	Propagules likely to be dispersed unintentionally (plants growing in heavily trafficked areas)	y=1, n=-1	n
702	Propagules dispersed intentionally by people	y=1, n=-1	y
703	Propagules likely to disperse as a produce contaminant	y=1, n=-1	n
704	Propagules adapted to wind dispersal	y=1, n=-1	n
705	Propagules water dispersed	y=1, n=-1	
706	Propagules bird dispersed	y=1, n=-1	y
707	Propagules dispersed by other animals (externally)	y=1, n=-1	n
708	Propagules survive passage through the gut	y=1, n=-1	y
801	Prolific seed production (>1000/m2)	y=1, n=-1	
802	Evidence that a persistent propagule bank is formed (>1 yr)	y=1, n=-1	
803	Well controlled by herbicides	y=-1, n=1	
804	Tolerates, or benefits from, mutilation, cultivation, or fire	y=1, n=-1	y
805	Effective natural enemies present locally (e.g. introduced biocontrol agents)	y=-1, n=1	

Designation:

WRA Score -1

Supporting Data:

101	2010. WRA Specialist. Personal Communication.	No evidence of domestication that would reduce weediness.
201	2010. USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network (GRIN) [Online Database]. National Germplasm Resources Laboratory, Beltsville, Maryland http://www.ars-grin.gov/cgi-bin/npgs/html/index.pl	<i>Dracaena marginata</i> is native to Madagascar.
202	2010. USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network (GRIN) [Online Database]. National Germplasm Resources Laboratory, Beltsville, Maryland http://www.ars-grin.gov/cgi-bin/npgs/html/index.pl	<i>Dracaena marginata</i> is native to Madagascar.
203	1999. Gilman, E.F.. <i>Dracaena marginata</i> 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	USDA Hardiness Zones: 10B through 11
204	2010. USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network (GRIN) [Online Database]. National Germplasm Resources Laboratory, Beltsville, Maryland http://www.ars-grin.gov/cgi-bin/npgs/html/index.pl	<i>Dracaena marginata</i> is native to Madagascar.
205	1999. Gilman, E.F.. <i>Dracaena marginata</i> 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	<i>Dracaena marginata</i> 'Tricolor' has been for a long time used as a household ornamental.
205	2010. Lemke, C.. <i>Dracaena marginata</i> - Rainbow Tree Ruscaceae. University of Oklahoma Department of Botany & Microbiology, http://www.plantoftheweek.org/week367.shtml	<i>Dracaena marginata</i> 'Tricolor' was developed in Puerto Rico and Florida and was first sold in 1973.
301	2010. The Institute for Regional Conservation. Floristic Inventory of South Florida Database online <i>Dracaena marginata</i> Lam. Dragontree. http://regionalconservation.org/	<i>Dracaena marginata</i> has naturalized in Big Cypress National Preserve, Florida.
301	2010. WRA Specialist. Personal Communication.	No evidence of <i>Dracaena marginata</i> 'tricolor' naturalizing.
302	2007. Randall, R.. Global Compendium of Weeds. http://www.hear.org/gcw/	No evidence of weediness of <i>Dracaena marginata</i> 'Tricolor' or <i>Dracaena marginata</i> .
303	2007. Randall, R.. Global Compendium of Weeds. http://www.hear.org/gcw/	No evidence of weediness.
304	2007. Randall, R.. Global Compendium of Weeds. http://www.hear.org/gcw/	No evidence of weediness.
305	2010. WRA Specialist. Personal Communication.	No evidence.
401	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	No spines, thorns or burrs. [species description]
402	2010. WRA Specialist. Personal Communication.	Unknown.
403	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Not parasitic. [species description]

404	2010. WRA Specialist. Personal Communication.	Unknown.
405	2010. Canadogs.com. Plants toxic to dogs. Canadogs.com, http://www.canadogs.com/Toxic_Plants.htm	Dracaena marginata is toxic to dogs.
405	2010. University of Florida Brevard County Extension Service. If eaten, these plants can kill your pet. University of Florida, http://brevard.ifas.ufl.edu/Forms%20and%20Publications/PDF/plants%20poisonous%20to%20pets.pdf	The bark of Dracaena marginata 'tricolor' when ingested is suspected of killing two dogs.
406	1999. Gilman, E.F.. Dracaena marginata 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Pest resistance: long-term health usually not affected by pests.
407	2010. National Center for Biotechnology Information. PubMed. U.S. National Library of Medicine, Bethesda, Maryland http://www.ncbi.nlm.nih.gov/sites/entrez	No evidence of toxicity or allergies.
407	2010. Specialized Information Services, U.S. National Library of Medicine. TOXNET Toxicology Data Network [Online Database]. National Institutes of Health, http://toxnet.nlm.nih.gov/	No evidence of toxicity or allergies.
408	2010. WRA Specialist. Personal Communication.	Unknown.
409	1999. Gilman, E.F.. Dracaena marginata 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Part shade/ part sun
410	1999. Gilman, E.F.. Dracaena marginata 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Soil tolerances: clay; sand; acidic; slightly alkaline; loam
411	1999. Gilman, E.F.. Dracaena marginata 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Shrub.
412	2010. WRA Specialist. Personal Communication.	Unknown.
501	1999. Gilman, E.F.. Dracaena marginata 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Shrub.
502	1999. Gilman, E.F.. Dracaena marginata 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Agavaceae
503	2010. www.nationmaster.com. Encyclopedia Nitrogen fixation. Nationmaster.com, http://www.nationmaster.com/encyclopedia/Nitrogen-fixation	Not nitrogen-fixing.

504	1999. Gilman, E.F.. <i>Dracaena marginata</i> 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	Shrub.
601	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Cultivar.
601	2010. WRA Specialist. Personal Communication.	No evidence of <i>Dracaena marginata</i> having substantial reproductive failure in native habitat.
602	2010. Lemke, C.. <i>Dracaena marginata</i> - Rainbow Tree Ruscaceae. University of Oklahoma Department of Botany & Microbiology, http://www.plantoftheweek.org/week367.shtml	Propagated by cuttings in the spring.
603	2010. WRA Specialist. Personal Communication.	Unknown.
604	2010. WRA Specialist. Personal Communication.	Unknown.
605	2000. Whistler, W.A.. Tropical Ornamentals: A Guide. Timber Press, Portland, OR	"Flowers many, borne in widely branching terminal panicles with a lanceolate bract at the base of each branch. Corolla with fused tepals, tubular, 1.3-1.8 cm long, divided about two-thirds of the way into six narrow segments, white, fragrant." [moth pollination syndrome]
606	2010. Lemke, C.. <i>Dracaena marginata</i> - Rainbow Tree Ruscaceae. University of Oklahoma Department of Botany & Microbiology, http://www.plantoftheweek.org/week367.shtml	Propagate from cuttings.
607	2010. Gardening Australia. Fact sheet: <i>Dracaena marginata</i> . Gardening Australia ABC, http://www.abc.net.au/gardening/stories/s1415342.htm	"Fairly slow growing"
701	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Fruit yellow-orange berry. Rarely produced in Hawaii. [species description]
702	1999. Gilman, E.F.. <i>Dracaena marginata</i> 'Tricolor'. Fact Sheet FPS-186. Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, http://hort.ufl.edu/shrubs/DRAMARB.P	" <i>Dracaena marginata</i> 'Tricolor' has long been used as one of our more attractive indoor foliage plants."
702	2010. Lemke, C.. <i>Dracaena marginata</i> - Rainbow Tree Ruscaceae. University of Oklahoma Department of Botany & Microbiology, http://www.plantoftheweek.org/week367.shtml	" <i>Dracaena marginata</i> 'Tricolor', or Rainbow Tree, is a great cultivar of <i>Dracaena marginata</i> first found in Japan. The cultivar was developed in Puerto Rico and Florida, and was first sold in 1973. The multi-colored ribbon-like leaves are striped with a cream center between green with rosy-red margins. The gray stems have prominent leaf scars. Plant will reach approximately 15 feet (3 m) in height. Since its introduction in 1973, it has been one of the favored houseplants. They are of easy culture. "
703	2010. WRA Specialist. Personal Communication.	No evidence of produce contamination.
704	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Fruit a berry. [species description] [no adaptation for wind dispersal]
705	2010. WRA Specialist. Personal Communication.	Unknown.
706	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Fruit a berry; rarely produced in Hawaii. [species description]

707	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Fruit a berry. [species description] [no means of external attachment]
708	2005. Staples, G. W./Herbst, D. R.. A Tropical Garden Flora - Plants Cultivated in the Hawaiian Islands and Other Tropical Places. Bishop Museum Press, Honolulu, HI.	Fruit a berry. [species description]
801	2010. Lemke, C.. Dracaena marginata - Rainbow Tree Ruscaceae. University of Oklahoma Department of Botany & Microbiology, http://www.plantoftheweek.org/week367.shtml	"Blooming: I have worked with many cultivars of Dracaena marginata and have yet to see one bloom. "
802	2010. WRA Specialist. Personal Communication.	Unknown.
803	2010. WRA Specialist. Personal Communication.	Unknown.
805	2010. WRA Specialist. Personal Communication.	Unknown.