



Appendix C.1.D: Default and country-specific parameters included in the MRV tool

Type	Parameter	Value	Units	Data Source
General factors named ranges set	C to CO ₂	-3.67	-	IPCC 2006
	N to N ₂ O	1.57	-	IPCC 2006
	GWP CH ₄	23	-	IPCC third assessment report (TAR)
	GWP N ₂ O	296	-	IPCC third assessment report (TAR)
	kg to t / g to kg	0.001	-	-
Carbon Fraction				
Combustion factors	CF: Default	0.47	t C/ d.m.	IPCC 2006, V4, Chp4, Table 4.3 Default value
	Eucalyptus grandis - Both treatments, spread- and piled- slash	0.92	fraction	Nadel (2005) (Knowles & Christie, 2018, p.55, table 6.2)
	Eucalyptus grandis - 36.4 t.ha-1 pre-fire, 4.2 t.ha-1 post-fire	0.9	fraction	Dovey (2012) (Knowles & Christie, 2018, p.55, table 6.2)
	Firebreaks: grassland	1	fraction	IPCC (2006)
	R: above-ground to below-ground ratio			
	R: Eucalyptus grandis	0.24	ratio	Du Toit B. et al. (2016) Carbon sequestration in South Africa plantation forests, Progress report number 1. Prepared for PAMSA, February 2016
	R: Eucalyptus dunnii	0.24	ratio	Du Toit B. et al. (2016) Carbon sequestration in South Africa plantation forests, Progress report number 1. Prepared for PAMSA, February 2016
	R: Eucalyptus macarthurii	0.24	ratio	Du Toit B. et al. (2016) Carbon sequestration in South Africa plantation forests, Progress report number 1. Prepared for PAMSA, February 2016
	R: Eucalyptus nitens	0.24	ratio	Du Toit B. et al. (2016) Carbon sequestration in South Africa plantation forests, Progress report number 1. Prepared for PAMSA, February 2016
	R: Eucalyptus smithii	0.24	ratio	Du Toit B. et al. (2016) Carbon sequestration in South Africa plantation forests, Progress report number 1. Prepared for PAMSA, February 2016
	R: E. grandis x E.urophylla	0.24	ratio	Du Toit B. et al. (2016) Carbon sequestration in South Africa plantation forests, Progress report number 1. Prepared for PAMSA, February 2016