



Department:
Environment, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

Type	Parameter	Value	Units	Data Source
	Perennial crop - Cold, temperate, dry - Low activity clay	22.15	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold, temperate, dry - Sandy soils	22.83	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold, temperate, dry - Volcanic soils	3	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold, temperate, dry - Wetland soils	58.41	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold temperate, moist - High activity clay	63.77	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold temperate, moist - Low activity clay	57.06	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold temperate, moist - Sandy soils	47.66	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold temperate, moist - Spodic soils	77.2	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold temperate, moist - Volcanic soils	87.27	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Cold temperate, moist - Wetland soils	58.41	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, dry - High activity clay	25.51	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, dry - Low activity clay	16.11	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, dry - Sandy soils	12.76	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, dry - Volcanic soils	46.99	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, dry - Wetland soils	59.08	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, moist - High activity clay	59.084	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)
	Perennial crop - Warm temperate, moist - Low activity clay	42.29	t C/ha	SA NIR 2017 (IPCC 2006 SOC Ref and IPCC 2019 stock change factors)