

(a) Model	Units: Pg	Without (control)	30 cm	100 cm	300 cm
TEM 5.0	SOC/SON in 2000	604.2/27.0	429.5/19.0	689.3/31.6	1003.4/46.2
	Increase in SOC during the 21st century	12.1	9.9	16.0	22.8
	VGC/VGN in 2000	318.3/1.48	238.4/1.05	394.2/1.80	556.7/2.53
	Increase in VGC during the 21st century	15.5	10.5	18.0	25.3
	Increase in total carbon storage during the 21st century	27.6	20.4	34.0	48.1
MIC-TEM	SOC/SON in 2000	591.5/26.8	420.3/18.6	686.0/31.2	990.7/45.3
	Increase in SOC during the 21st century	-2.0	-1.2	-2.4	-2.9
	VGC/VGN in 2000	309.7/1.42	230.1/1.02	374.4/1.71	548.6/2.45
	Increase in VGC during the 21st century	0.4	0.5	0.2	-0.1
	Increase in total carbon storage during the 21st century	-1.6	-0.7	-2.2	-3.0
(b) Model	Units: Pg	Without (control)	30 cm	100 cm	300 cm
TEM 5.0	SOC/SON in 2000	610.2/27.9	431.9/19.1	693.8/31.8	1007.1/46.4
	Increase in SOC during the 21st century	44.2	33.0	56.5	74.6
	VGC/VGN in 2000	324.9/1.50	242.1/1.07	399.6/1.83	570.2/2.57
	Increase in VGC during the 21st century	54.5	38.7	63.5	81.0
	Increase in total carbon storage during the 21st century	98.7	71.7	120.0	155.6
MIC-TEM	SOC/SON in 2000	596.0/27.1	424.6/18.8	689.1/31.5	995.5/46.1
	Increase in SOC during the 21st century	33.3	27.4	36.9	42.9
	VGC/VGN in 2000	316.0/1.44	233.5/1.02	380.0/1.72	568.3/2.56
	Increase in VGC during the 21st century	46.2	37.0	51.7	56.9
	Increase in total carbon storage during the 21st century	79.5	65.4	88.6	109.8