

Table 2. Carbon movement to and rhizodeposition from the roots in field experiments

	% net fixed C transferred to root	% of C transferred to root that is lost		Rhizodeposition (root C + soil C + CO ₂ C) (t C ha ⁻¹ annum ⁻¹)	Reference
		Soil	CO ₂		
Wheat ^a	15	25	50	1.3	Keith <i>et al.</i> , 1986
Agropyron-Koeleria dominated grass mixture	35–50	^b	20–28	1.3	Warembourg and Paul, 1977
Douglas fir	73		40–47 ^d	5.8–7.5 ^c	Sanantonio, 1979; Fogel and Hunt, 1983

^a Mean value of five sampling times (42–154 d)

^b No value available

^c Includes carbon in mycorrhizas

^d Soil and CO₂ not separated