

**Table 5.10:** Total biomass [g dry weight m<sup>2</sup>] of roots grown into in-growth cores (0-40 cm depth) in two separate experiments (one or two growing seasons). Means and SE (n=4).

Site	Tree species	Non-fertilised soil		Fertilised soil		<i>P</i>
First experiment (harvested after two growing seasons [1994 and 1995])						
Åheden	<i>Picea abies</i>	12.2	(1.4)	105.6	(28.8)	0.029
Klosterhede	<i>Picea abies</i>	789.1	(105.2)	280.6	(33.5)	0.004
Waldstein	<i>Picea abies</i>	183.0	(44.2)	171.4	(89.7)	0.486
Aubure	<i>Picea abies</i>	182.7	(70.0)	44.7	(20.5)	0.107
Second experiment (harvested after one growing season [1996])						
Gribskov	<i>Fagus sylvatica</i>	175.2	(49.3)	177.7	(19.4)	0.963
Aubure	<i>Fagus sylvatica</i>	14.1	(6.2)	22.6	(6.4)	0.375
Åheden	<i>Picea abies</i>	18.4	(2.8)	20.5	(2.8)	0.570
Klosterhede	<i>Picea abies</i>	119.2	(25.1)	153.2	(72.7)	0.675
Aubure	<i>Picea abies</i>	4.5	(2.6)	3.5	(2.9)	0.686