

Segregation method	Relative accuracy ^a	Precision ^b	Complexity of procedures ^c	Time needed to set up experiment ^d	Time needed to produce seasonal trends
Root biomass regression	High	Low	Simple	2–3 days	6 months to 1 year
Soil cores incubation	Low	High	Complex	5–7 days	< 1 to 2 months
Hand-sorted root exclusion bags (HS)	Intermediate	High	Simple	2–3 days	6 months to 1 year
Intact root exclusion bags (IB)	Intermediate	High	Simple	2–3 days	6 months to 1 year
Soil $\delta^{13}\text{C}$ -CO ₂ natural abundance	–	Low	Complex	1–2 days	6 months to 1 year