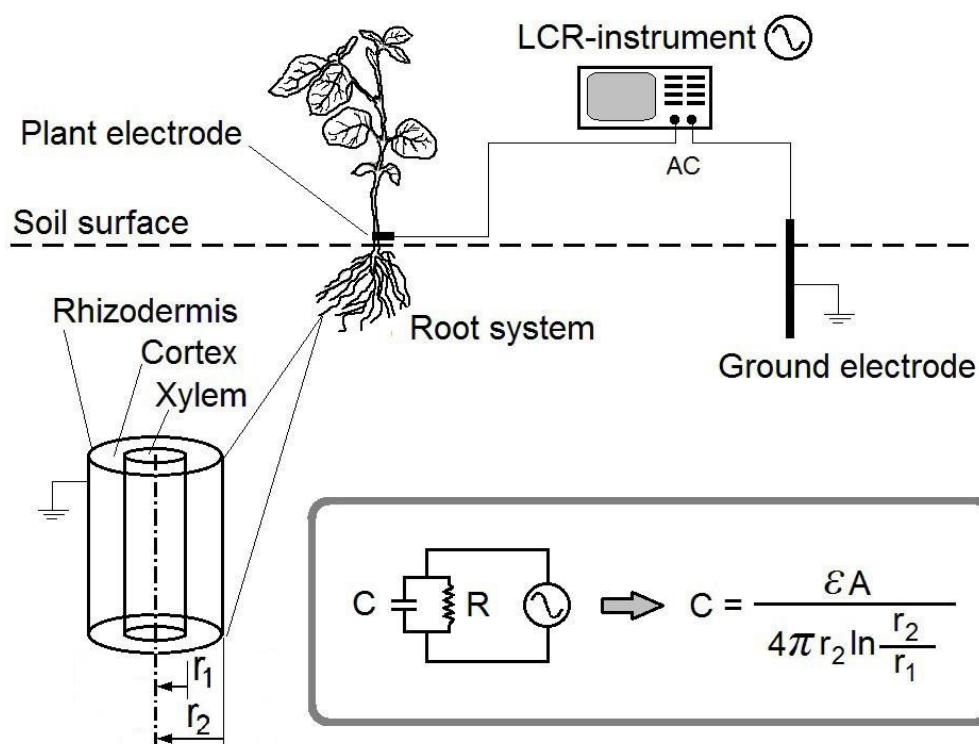




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4 **Figure S1.** Principle of the root electrical capacitance (EC) measurement, according to Dalton
 5 (1995) and Ellis *et al.* (2013a). Symbols: AC, alternating current; C, capacitance;
 6 R, electrical resistance; ϵ , permittivity of root tissue; A, surface area of root tissue;
 7 r_1 , radius of xylem cylinder; r_2 , radius of rhizodermis.

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