

D.W. LAWLOR

PUBLICATIONS LIST

R = reviewed publication, C = conference proceedings

1967

Lawlor, D.W. (1967). The relation of growth to leaf and soil water potentials in some *Gramineae*. Ph.D. Thesis, University of London.

1968

Lawlor, D.W. (1968). Analysis of polyethylene glycol in plant material and its absorption by corn, bean and cotton. *Association South Eastern Biologists Bulletin* **15**(2), 43. (C)

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Lawlor, D.W. (1969). Plant growth in polyethylene glycol solutions in relation to the osmotic potential of the root medium and the leaf water balance. *J. Exp. Bot.* **20**(15), 895-911. (R)

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Lawlor, D.W. (1970). Absorption of polyethylene glycols by plants and their effects on plant growth. *New Phytol.* **69**, 501-513. (R)

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Lawlor, D.W. (1972). Growth and water use of *Lolium perenne*. 1. Water transport. *J. Appl. Ecol.* **9**, 79-98. (R)

Lawlor, D.W. (1972). Growth and water use of *Lolium perenne*. 2. Plant growth. *J. Appl. Ecol.* **9**, 99-105. (R)

Lawlor, D.W. (1972). An automatic multichannel thermocouple psychrometer based on an operational amplifier. *J. Appl. Ecol.* **9**, 581-588. (R)

1973

Lawlor, D.W. (1973). Growth and water absorption of wheat with parts of the roots at different water potentials. *New Phytol.* **72**, 297-305. (R)

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Lawlor, D.W. (1976). Assimilation of carbon into photosynthetic intermediates of water stressed wheat. *Photosynthetica* **10**(4), 431-439. (R)

Lawlor, D.W. & Lake, J.V. (1976). Evaporation rate, leaf-water potential and stomatal conductance in *Lolium*, *Trifolium* and *Lysimachia* in drying soil. *J. appl. Ecol.* **13**, 639-646. (R)

Milford, G.F.J. & Lawlor, D.W. (1976). Water and the physiology of sugar beet. Proc. Int. Inst. Sugar Beet Res., 39th Winter Congress, Brussels. (C)

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Lawlor, D.W. & Fock, H. (1977). Water stress induced changes in the amounts of some photosynthetic assimilation products and respiratory metabolites of Sunflower leaves. *J. exp. Bot.* **28**(103), 329-337. (R)

Lawlor, D.W., Mahon, J.D. & Fock, H. (1977). An assimilation chamber for rapid leaf sampling and a gas switching system for control of $^{12}\text{CO}_2$ and $^{14}\text{CO}_2$ supply. *Photosynthetica* **11**(3), 322-326. (R)

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Day, W., Lawlor, D.W., Legg, B.J., French, B.K., Johnston, A.E. & Jeffers, W. de C. (1978). A drought experiment using mobile shelters: the effect of drought on barley yield, water use and nutrient uptake. *J. Agric. Sci., Camb.* **91**, 599-623. (R)

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Legg, B.J., Day, W., Lawlor, D.W. & Parkinson, D.J. (1979). The effects of drought on barley growth: models and measurement sowing the relative importance of leaf area and photosynthetic rate. *J. Agric. Sci., Camb.* **92**, 703-716. (R)

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Widdowson, F.V., Darby, R.J., Dewar, A.M., Jenkyn, J.F., Kerry, B.R., Lawlor, D.W., Ross, G.J.S., Scott, G.C., Todd, A.D. & Wood, D.W. (1986). The effects of sowing date and other factors on growth, yield and nitrogen uptake and on the incidence of pests and diseases of winter barley at Rothamsted 1981-83. *Journal of Agricultural Science* **106**, 551-574. (R)

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