

**STOMATAL PORES -
THE LINK BETWEEN LEAF AND ATMOSPHERE**

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SUMMARY

The role that adjustable stomatal pores situated in the leaf epidermis play in regulating photosynthesis and water use were considered.

A description was given of experiments demonstrating the importance that stomates can assume in single plants.

The results of field measurements of the comparative stomatal behaviour of maize, paspalum and lucerne were presented and preliminary assessments made of its significance in the regulation of evapotranspiration rates.