

UNIT ABBREVIATIONS

Term	Abbreviation	Units
Net carbon dioxide assimilation (i.e. photosynthesis or assimilation rate)	A	$\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$
Maximum net carbon dioxide assimilation	A_{max}	$\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$
Light saturation point for A	Q_A	$\mu\text{mol quanta m}^{-2} \text{ s}^{-1}$
Light compensation point for A	Q_O	$\mu\text{mol quanta m}^{-2} \text{ s}^{-1}$
Dark respiration	R_d	$\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$
Photorespiration	R_l	$\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$
Intercellular carbon dioxide (leaf)	C_i	$\mu\text{mol mol}^{-1}$
Photosynthetic photon flux	PPF	$\mu\text{mol quanta m}^{-2} \text{ s}^{-1}$
Quantum yield	$\emptyset$	$\mu\text{mol CO}_2 \mu\text{mol quanta}^{-1}$
Stomatal conductance	g_s	$\text{mmol H}_2\text{O m}^{-2} \text{ s}^{-1}$
Vapour pressure deficit (leaf to air gradient)	VPD	kPa
Leaf water potential	ψ_l	MPa
Soil matric potential	ψ_s	kPa