

Supplementary Figures

Figure S1

Response of net CO₂ assimilation rate, A and transpiration rate, Tr , to photosynthetic photon flux density (PPFD) in sunflower (*Helianthus annuus*) with (covered) and without (control) 12 × 5.8 mm diameter grease patches applied to both leaf surfaces covering approximately half the leaf area; n = 3, bars indicate s.e.m. Ratio of assimilation rate and transpiration rate when covered and uncovered, A^c/A and Tr^c/Tr shown on right hand axes. Leaf temperature = 25°C, VPD = 0.8 kPa, chamber CO₂ ≈ 370 μmol mol⁻¹ and 21% O₂.

Figure S2

Response of net CO₂ assimilation rate, A and transpiration rate, Tr , to photosynthetic photon flux density (PPFD) in faba bean (*Vicia faba*) with (covered) and without (control) grease patches covering approximately half the leaf area. n = 3. Other details as in Figure S1, except chamber CO₂ = 360 μmol mol⁻¹.

Figure S3.

Response of net CO₂ assimilation rate, A and transpiration rate, Tr , to photosynthetic photon flux density (PPFD) in dwarf bean (*Phaseolus vulgaris*) with (covered) and without (control) grease patches covering approximately half the leaf area. n = 4. Other details as in Figure S2.

Figure S4.

Response of net CO₂ assimilation rate, A and transpiration rate, Tr , to photosynthetic photon flux density (PPFD) in maize (*Zea mays*) with (covered) and without (control) grease patches covering approximately half the leaf area. n = 5. Other details as in Figure S2.

Figure S5.

Response of net CO₂ assimilation rate, A and transpiration rate, Tr , to photosynthetic photon flux density (PPFD) in faba bean (*Vicia faba*) with (covered) and without (control) small grease patches (4.5 mm diameter) covering approximately half the leaf area. n = 3. Other details as in Figure S2.

Figure S6.

Response of net CO₂ assimilation rate, A and transpiration rate, Tr , to photosynthetic photon flux density (PPFD) in sunflower (*Helianthus annuus*) with (covered) and without (control) grease patches covering approximately half the leaf area. n = 5. Chamber CO₂ ≈ 1450 μmol mol⁻¹, other details as in Figure S1.