



Fig. S1. Experimental set-up of daily hyperspectral measurements performed with the visible and near-infrared AISA Eagle imaging spectroradiometer. The extent of the experimental plot was approximately 1.5×4.0 m; a black blanket was covering part of the experimental grassland plot (referred to as ‘mantled plot’ in the text). 1, extent of sensed experimental plot; 2, AISA hyperspectral sensor head; 3, PAM chlorophyll fluorometer; 4, PAM optical cable with a leaf clip; 5, SPAD chlorophyllmeter; 6, AISA Eagle acquisition unit.