

Title	Description of Chlorophyll data collected using a SPAD-502 chlorophyll meter as part of the NCAVEO Field Campaign 2006.
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Revision history	First release.
Purpose	To describe the sampling scheme adopted in the field.
Data files in the set	spad_nfc06_chlorophyll_20060613_10.txt
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Terms of use (see NEODC website for the full version)	<p>The data may be used for all non-commercial research/project work undertaken by the NCAVEO network, in particular to learn about cal-val issues.</p> <p>If you wish to use the data set please contact the PI listed above. If you intend to publish a paper or give a presentation based on, or making significant use of these data, please consider including the PI(s) as co-author(s) at an early stage in the process.</p> <p>In all cases where the data are used in a presentation or publication, an acknowledgement must be given: for example, "<i>Data from the NCAVEO Field Campaign are provided courtesy of NCAVEO via the NERC Earth Observation Data Centre (NEODC).</i>"</p>

This file contains estimates of chlorophyll amount measured using a Special Products Analysis Division (SPAD) 502 instrument (Konica-Minolta Sensing Inc.) for the spring barley crop in the Brockley field collected on 13th June 2006. This was the only available field without seed heads and therefore appropriate for measurements to be taken. The numerical SPAD value is proportional to the amount of chlorophyll present in the leaf. However, a calibration equation for Spring Barley is needed to convert these values to chlorophyll concentration. Each SPAD value in the file is an average of 10 values that were measured within 10 metres of the flag.