



CCM200plus Chlorophyll Content Meter Publications to October 2024

- Albaho, M., Thomas, B., & Christopher, A. (2008). Evaluation of hydroponic techniques on growth and productivity of greenhouse grown bell pepper and strawberry. *International Journal of Vegetable Science*, 14(1), 23–40. <https://doi.org/10.1080/19315260801890492>
- Biber, P. D. (2007). Evaluating a Chlorophyll Content Meter on Three Coastal Wetland Plant Species. *Agricultural, Food and Environmental Sciences*, 1(2), 1–11.
- Bilalis, D., Karkanis, A., Efthimiadou, A., Konstantas, A., & Triantafyllidis, V. (2009). Effects of irrigation system and green manure on yield and nicotine content of Virginia (flue-cured) Organic tobacco (*Nicotiana tabacum*), under Mediterranean conditions. *Industrial Crops and Products*, 29(2–3), 388–394. <https://doi.org/10.1016/j.indcrop.2008.07.007>
- Borkowska, B. (2006). The photosynthetic activity of plants growing under different environmental conditions. *International Journal of Fruit Science*, 5(2), 3–16. https://doi.org/10.1300/J492v05n02_02
- Bushnell, W. R., Perkins-Veazie, P., Russo, V. M., Collins, J., & Seeland, T. M. (2010). Effects of deoxynivalenol on content of chloroplast pigments in barley leaf tissues. *Phytopathology*, 100(1), 33–41. <https://doi.org/10.1094/PHYTO-100-1-0033>
- Cate, T. M., & Perkins, T. D. (2003). chlorophyll content of sugar maple. *Tree Physiology*, 23, 1077–1079.
- Devacht, S., Lootens, P., Carlier, L., Baert, J., Van Waes, J., & Van Bockstaele, E. (2008). *Evaluation of Early Vigour and Photosynthesis of Industrial Chicory in Relation to Temperature*.
- Ding, P. (2005). *USE OF NONDESTRUCTIVE SPECTROSCOPY TO ASSESS CHLOROPHYLL AND NITROGEN IN FRESH LEAVES PINGHAI DING* [Doctoral]. Oregon State University.
- Dufey, I., Hakizimana, P., Draye, X., Lutts, S., & Bertin, P. (2009). QTL mapping for biomass and physiological parameters linked to resistance mechanisms to ferrous iron toxicity in rice. *Euphytica*, 167(2), 143–160. <https://doi.org/10.1007/s10681-008-9870-7>
- Ekbladh, G. (2007). *Plant analysis as a tool to determine crop nitrogen status : towards leaf area based measurements*. Department of Soil Sciences, Swedish University of Agricultural Sciences.
- Farnsworth, E. J., & Ellison, A. M. (2008). Prey availability directly affects physiology, growth, nutrient allocation and scaling relationships among leaf traits in 10 carnivorous plant species. *Journal of Ecology*, 96(1), 213–221. <https://doi.org/10.1111/j.1365-2745.2007.01313.x>
- Gielen, B., De Boeck, H. J., Lemmens, C. M. H. M., Valcke, R., Nijs, I., & Ceulemans, R. (2005). Grassland species will not necessarily benefit from future elevated air temperatures: A chlorophyll fluorescence approach to study autumn physiology. *Physiologia Plantarum*, 125(1), 52–63. <https://doi.org/10.1111/j.1399-3054.2005.00539.x>
- Gielen, B., Löw, M., Deckmyn, G., Metzger, U., Franck, F., Heerdt, C., Matyssek, R., Valcke, R., & Ceulemans, R. (2007). Chronic ozone exposure affects leaf senescence of adult beech trees: A chlorophyll fluorescence approach. *Journal of Experimental Botany*, 58(4), 785–795. <https://doi.org/10.1093/jxb/erl222>

- Hayes, F., Mills, G., & Ashmore, M. (2010). How much does the presence of a competitor modify the within-canopy distribution of ozone-induced senescence and visible injury? *Water, Air, and Soil Pollution*, 210(1–4), 265–276. <https://doi.org/10.1007/s11270-009-0248-9>
- Jeong, H. M., Kim, H. R., Hong, S., & You, Y. H. (2018). Effects of elevated co2 concentration and increased temperature on leaf quality responses of rare and endangered plants. *Journal of Ecology and Environment*, 42(1), 1–11. <https://doi.org/10.1186/s41610-017-0061-0>
- Khaleghi, E., Arzani, K., Moallemi, N., & Barzegar, M. (2012). Evaluation of Chlorophyll Content and Chlorophyll Fluorescence Parameters and Relationships between Chlorophyll a, b and Chlorophyll Content Index under Water Stress in *Olea europaea* cv. Dezful. *International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering*, 8(6). <http://scholar.waset.org/1999.1/14028>
- Li, S., Martin, L. T., Pezeshki, S. R., & Shields, F. D. (2005). Responses of black willow (*Salix nigra*) cuttings to simulated herbivory and flooding. *Acta Oecologica*, 28(2), 173–180. <https://doi.org/10.1016/j.actao.2005.03.009>
- Li, S., Reza Pezeshki, S., & Douglas Shields, F. (2006). Partial flooding enhances aeration in adventitious roots of black willow (*Salix nigra*) cuttings. *Journal of Plant Physiology*, 163(6), 619–628. <https://doi.org/10.1016/j.jplph.2005.06.010>
- Marsh, B. H. (2014). Use-of-Chlorophyll-Meters-to-Assess-In-Season-Wheat-Nitrogen-Fertilizer-Requirements-in-the-Southern-San-Joaquin-Valley. *International Science Index, Agricultural and Biosystems Engineering*, 10(8), 1087–1091. <http://scholar.waset.org/1999.1/10001009>
- Moravcová, Š., Fiedlerová, V., Tuma, J., Musil, K., & Tumová, L. (2016). Effect of selected pyrazine derivatives on the production of phenolics and rutin in *urtica dioica* and *Fagopyrum esculentum*. *Natural Product Communications*, 11(4), 457–460. <https://doi.org/10.1177/1934578X1601100409>
- Morris, J. B. (2008). *Macrotyloma axillare* and *M. uniflorum*: Descriptor analysis, anthocyanin indexes, and potential uses. *Genetic Resources and Crop Evolution*, 55(1), 5–8. <https://doi.org/10.1007/s10722-007-9298-2>
- Parelle, J., Zapater, M., Scotti-Saintagne, C., Kremer, A., Jolivet, Y., Dreyer, E., & Brendel, O. (2007). Quantitative trait loci of tolerance to waterlogging in a European oak (*Quercus robur* L.): Physiological relevance and temporal effect patterns. *Plant, Cell and Environment*, 30(4), 422–434. <https://doi.org/10.1111/j.1365-3040.2006.01629.x>
- Parry, C., Blonquist, J. M., & Bugbee, B. (2014). In situ measurement of leaf chlorophyll concentration: Analysis of the optical/absolute relationship. *Plant Cell and Environment*, 37(11), 2508–2520. <https://doi.org/10.1111/pce.12324>
- Pavan, G., Jacquemoud, S., De Rosny, G., Rambaut, J.-P., Frangi, J.-P., & Bidel, L. P. R. (2004). *RAMIS: A NEW PORTABLE FIELD RADIOMETER TO ESTIMATE LEAF BIOCHEMICAL CONTENT*.
- Petisco, C., García-Criado, B., García-Criado, L., Vázquez-de-Aldana, B. R., & García-Ciudad, A. (2009). Quantitative analysis of chlorophyll and protein in alfalfa leaves using fiber-optic near-infrared spectroscopy. *Communications in Soil Science and Plant Analysis*, 40(15–16), 2474–2484. <https://doi.org/10.1080/00103620903111350>

- Rodo, A. P., Brugière, N., Vankova, R., Malbeck, J., Olson, J. M., Haines, S. C., Martin, R. C., Habben, J. E., Mok, D. W. S., & Mok, M. C. (2008). Over-expression of a zeatin O-glucosylation gene in maize leads to growth retardation and tasselseed formation. *Journal of Experimental Botany*, 59(10), 2673–2686. <https://doi.org/10.1093/jxb/ern137>
- Rodríguez, V. M., Velasco, P., Garrido, J. L., Revilla, P., Ordás, A., & Butrón, A. (2013). Genetic regulation of cold-induced albinism in the maize inbred line A661. *Journal of Experimental Botany*, 64(12), 3657–3667. <https://doi.org/10.1093/jxb/ert189>
- Romano, D., Panagiotidou, T.-N., Pipinis, E., Anestis, I., Kostas, S., Tsoulpha, P., Karapatzak, E., Tsoktouridis, G., Hatzilazarou, S., & Krigas, N. (2024). Integrated Ex-Situ Conservation and Ornamental Evaluation of the Vulnerable and Protected Greek Endemic *Campanula laciniata* L.: A Multifaceted Approach. *Agronomy* 2024, Vol. 14, Page 1665, 14(8), 1665. <https://doi.org/10.3390/AGRONOMY14081665>
- Silim, S., Nash, R., Reynard, D., White, B., & Schroeder, W. (2009). Leaf gas exchange and water potential responses to drought in nine poplar (*Populus* spp.) clones with contrasting drought tolerance. *Trees - Structure and Function*, 23(5), 959–969. <https://doi.org/10.1007/s00468-009-0338-8>
- Sjödin, A., Wissel, K., Bylesjö, M., Trygg, J., & Jansson, S. (2008). Global expression profiling in leaves of free-growing aspen. *BMC Plant Biology*, 8. <https://doi.org/10.1186/1471-2229-8-61>
- Stagakis, S., Markos, N., Levizou, E., & Kyparissis, A. (n.d.). *FOREST ECOSYSTEM DYNAMICS USING SPOT AND MODIS SATELLITE IMAGES*.
- Steinberg, A. M., Forscher, W., Shahbazi, M., Rajagopalan, R., Elnashaie, S., Chowdhury, S., Omrani, G.-A., Ray, A. K., Nafi, M., Ayadi, F., Sawhney, B., Wang, D., Los, C. A., Pancholi, J., Smith, T., Biswas, R., Chukwuogor-Ndu, C., Mylonakis, J., Ayadi, M. F., ... Ryan, L. V. (n.d.). *European Journal of Scientific Research*. www.EuroJournals.com
- Stiegel, S., Entling, M. H., & Mantilla-Contreras, J. (2017). Reading the leaves' palm: Leaf traits and herbivory along the microclimatic gradient of forest layers. *PLoS ONE*, 12(1). <https://doi.org/10.1371/journal.pone.0169741>
- Tegelberg, R., Julkunen-Tiitto, R., & Aphalo, P. J. (2004). Red : far-red light ratio and UV-B radiation: their effects on leaf phenolics and growth of silver birch seedlings. In *Plant, Cell and Environment* (Vol. 27).
- Van Den Berg, A. K., & Perkins, T. D. (2005a). Nondestructive Estimation of Anthocyanin Content in Autumn Sugar Maple Leaves. In *HORTSCIENCE* (Vol. 40, Issue 3).
- Van Den Berg, A. K., & Perkins, T. D. (2005b). Nondestructive Estimation of Anthocyanin Content in Autumn Sugar Maple Leaves. In *HORTSCIENCE* (Vol. 40, Issue 3).
- Van Heerden, P. D. R., De Beer, M., Mellet, D. J., Maphike, H. S., & Foit, W. (2007). Growth media effects on shoot physiology, nodule numbers and symbiotic nitrogen fixation in soybean. *South African Journal of Botany*, 73(4), 600–605. <https://doi.org/10.1016/j.sajb.2007.05.009>
- van Heerden, P. D. R., Krüger, G. H. J., & Kilbourn Louw, M. (2007). Dynamic responses of photosystem II in the Namib Desert shrub, *Zygophyllum prismatocarpum*, during and after foliar deposition of limestone dust. *Environmental Pollution*, 146(1), 34–45. <https://doi.org/10.1016/j.envpol.2006.06.027>
- Van Oijen, M., Büker, P., Coyle, M., Fowler, D., Hargreaves, K., Hayes, F., Levy, P., Mills, G., & Murray, M. (2001). *O3GRASSLAND: a CEH-Integrating Fund Project*.



ADC BioScientific Ltd., UK sales@adc.co.uk +44 (0)1992 464527 www.adc.co.uk

- Vivek, K. T., Khushboo, K., Narendra, S., Monisha, R., Avnish, K. P., & Shailendra, K. D. (2024). Effect of zinc and boron on improved physiological traits, productivity and phytoconstituents of carrot grown at Trans-Himalayan region. *Plant Science Today*. <https://doi.org/10.14719/pst.3754>
- Zaefyzadeh, M., Quliyev, R. A., Babayeva, S. M., & Abbasov, M. A. (2009). The effect of the interaction between genotypes and drought stress on the superoxide dismutase and chlorophyll content in durum wheat landraces. *Turkish Journal of Biology*, 33(1), 1–7. <https://doi.org/10.3906/biy-0801-12>