

VI. IRODALOMJEGYZÉK

Asen S¹(1958):Anthocyanins in Bracts of Euphorbia Pulcherrima as Revealed by Paper Chromatographic and Spectrophotometric Methods. Plant Physiol. Jan;33(1):14-7

Bilger W, Veit M, Schreiber L, Schreiber U (1997) Measurement of leaf epidermal transmittance of UV radiation by chlorophyll fluorescence. *Physiol Plant* 101: 754–763

Bullock,D.G,Anderson,D.S.(1998):Evaluation of the Minolta SPAD-502 chlorophyll meter for nitrogen management in corn. Journal of plant nutrition,21.4:741-755

Cartelat, A., Cerovic, Z.G., Goulas, Y., Meyer, S., Lelarge, C., Prioul, J.-L., Barbottin, A., Jeuffroy, M.-H., Gate, P., Agati, G. Moya, I. (2005) Optically assessed contents of leaf polyphenolics and chlorophyll as indicators of nitrogen deficiency in wheat (*Triticum aestivum* L.). *Field Crops Res.*, 91, 35-49.

Cerovic, Z.G., Masdoumier, G., Ben Ghazlen, N., Latouche, G. (2012) A new optical leaf-clip meter for simultaneous non-destructive assessment of leaf chlorophyll and epidermal flavonoids. *Physiologia Plantarum*,146, 251-260.

Csepregi, K., Kocsis, M., Hideg, É. (2013) On the spectrophotometric determination of total phenolic and flavonoid contents. *Acta Biologica Hungarica* 64, 509-518.

Dhindsa¹ Rajinder S., Plumb-Dhindsa¹ Pamela And Thorpe Trevor A. (1981) :Leaf Senescence: Correlated with Increased Levels of Membrane Permeability and Lipid Peroxidation, and Decreased Levels of Superoxide Dismutase and Catalase, *J. Exp. Bot.* 32 (1): 93-101.doi: 10.1093/jxb/32.1.93

Ewané, C.A., Lepoivre, P., Lapeyre de Bellaire, L., Lassois, L. (2012) Involvement of phenolic compounds in the susceptibility of bananas to crown rot. A review. *Biotechnologie, Agronomie, Société et Environnement* 16, 393-404.

Giusti, M.M., Wrolstad, R.E. (2001) Characterization and measurement of anthocyanins by UV-visible spectroscopy. In: *Current Protocols in Food Analytical Chemistry*, pp. F1.2.1-

F1.2.13, John Wiley & Sons Inc.

Goulas Yves, Cerovic Zoran G., Cartelat Aurélie, and Moya Ismaël, (2004) "Dualox: a new instrument for field measurements of epidermal ultraviolet absorbance by chlorophyll fluorescence," Appl. Opt. 43, 4488-4496.

Lichtenthaler Hk, Buschmann C (2001). Chlorophylls and Carotenoids: Measurement and Characterization by UV-VIS Spectroscopy. Current Protocols in Food Analytical Chemistry F4.3.1-F4.3.8.

Lobstein A¹, Rietsch-Jako L, Haag-Berrurier M, Anton R.(1991):Seasonal Variations of the Flavonoid Content from Ginkgo biloba Leaves. Planta Med. Oct; 57(5):430-433.

Majer, P., Neugart, S., Krumbein, A., Schreiner, M., Hideg, É (2014) Singlet oxygen scavenging by leaf flavonoids contributes to sunlight acclimation in *Tilia platyphyllos*. Environmental and Experimental Botany 100, 1-9.

Marquard Rd, Tipton JI (1987) Relationship between extractable chlorophyll and an in situ method to estimate leaf greenness.Hort Science 22: 1327CAS,Web of Science® Times Cited: 111

Mirecki RM¹, Teramura AH.(1984):Effects of Ultraviolet-B Irradiance on Soybean : V. The Dependence of Plant Sensitivity on the Photosynthetic Photon Flux Density during and after Leaf Expansion. Plant Physiol. Mar;74(3):475-80.

Pinkard EA, Patel V, Mohammed C (2006) Chlorophyll and nitrogen determination for plantation-grown *Eucalyptus nitens* and *E. globulus* using a non-destructive meter. Forest Ecol Man 223: 211–217CrossRef,Web of Science® Times Cited: 32

Pfündel, E.E., Ben Ghazlen, N., Meyer, S., Cerovic, Z.G. (2007) Investigating UV screening in leaves by two different types of portable UV fluorimeters reveals in vivo screening by anthocyanins and carotenoids. Photosynthesis Research 93, 205-221.

Singleton V L & Rossi J A Jr. (1965):Colorimetry of total phenolics with phosphomolybdic-

phosphotungstic acid reagents. Amer. J. Enol. Viticult. 16:144-58,

Singleton, V. L., Orthofer, R., Lamuelaraventos, R. M., (1999) Analysis of total phenols and other oxidation substrates and antioxidants by means of Folin-Ciocalteu reagent. Methods in Enzymology, 299, 152-178.

Wellburn, A. R. (1994). The spectral determination of chlorophyll a and chlorophyll b, as well as total carotenoids, using various solvents with spectrophotometers of different resolution. Journal of Plant Physiology, 144, 307-313.

1.weboldal:

<http://scifun.chem.wisc.edu/chemweek/fallcolr/fallcolr.html>

2.weboldal

<http://www.cellcycle.bme.hu/oktatas/sejtbologia/szoveg/kloropl.PDF>

3.weboldal

<http://etdk.adatbank.transindex.ro/pdf/albert.pdf>

4.weboldal

http://cheminst.emk.nyne.hu/kemia2/kemia2_gyakorlat.pdf

5.weboldal

<http://www.hotdog.hu/timcsigyogynoveny/alapismeretek/gyogynovenyek-hatoanyagai-2-resz>

6.weboldal

<http://termospect.blogspot.hu/2013/09/klorofill-tartalom-meghatározása.html>

7.weboldal

http://semmelweis.hu/.../Lemberkovics_Eva_2014_02_15.ppt

8.weboldal

https://dea.lib.unideb.hu/dea/bitstream/handle/2437/6199/PhD_vegleges_05.29..pdf?sequence=1&isAllowed=y

9.weboldal

http://portal.unicorvinus.hu/index.php?id=47136&tx_ttnews%5Btt_news%5D=0&tx_ttnews%5BbackPid%5D=31638&tx_ttnews%5BcalendarYear%5D=2014&tx_ttnews%5BcalendarMonth%5D=5&cHash=7f2d0baf0c362211bb0a5fa6462670cc