

Materials List for:

Leaf Area Index Estimation Using Three Distinct Methods in Pure Deciduous Stands

Jakub Černý¹, Radek Pokorný², Pavel Haninec^{2,3}, Pavel Bednář¹

¹Forestry and Game Management Research Institute, Research Station at Opočno

²Department of Silviculture, Mendel University in Brno

³Department of Forest Botany, Dendrology and Geobiocenology, Mendel University in Brno

Correspondence to: Jakub Černý at cerny@vulhmop.cz

URL: <https://www.jove.com/video/59757>

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Materials

Name	Company	Catalog Number	Comments
Area Meter	LI-COR Biosciences Inc., NE, USA	LI-3100C	https://www.licor.com/env/products/leaf_area/LI-3100C/
Computer Image Analysis System	Regent Instruments Inc., CA	WinFOLIA	http://www.regentinstruments.com/assets/images_winfolia2/WinFOLIA2018-s.pdf
File Viewer	LI-COR Biosciences Inc., NE, USA	FV2200C Software	https://www.licor.com/env/products/leaf_area/LAI-2200C/software.html
Laboratory oven	Amerex Instruments Inc., CA, USA	CV150	https://www.labcompare.com/4-Drying-Ovens/2887-IncuMax-Convection-Oven-250L/?pda=4 2887_2_0
Leaf Image Analysis System	Delta-T Devices, UK	WD3 WinDIAS	https://www.delta-t.co.uk/product/wd3/
Litter traps	Any	NA	See Fig. 2
Needle	Any	NA	Maximum diameter of 2 mm
Plant Canopy Analyser	LI-COR Biosciences Inc., NE, USA	LAI-2000 PCA	LAI-2200 PCA or LAI-2200C as improved versions of LAI-2000 PCA can be used, see: https://www.licor.com/env/products/leaf_area/LAI-2200C/
Portable Laser Leaf Area Meter	CID Bio-Science, WA, USA	CI-202	https://cid-inc.com/plant-science-tools/leaf-area-measurement/ci-202-portable-laser-leaf-area-meter/
Portable Leaf Area Meter	ADC, BioScientific Ltd., UK	AM350	https://www.adc.co.uk/products/am350-portable-leaf-area-meter/
Portable Leaf Area Meter	Bionics Scientific Technologies (P). Ltd., India	BSLM101	http://www.bionicscientific.com/measuring-meters/leaf-area-index-meter.html
Portable Leaf Area Meter	LI-COR Biosciences Inc., NE, USA	LI-3000C	https://www.licor.com/env/products/leaf_area/LI-3000C/