ONLINE ISSN 2069-7430
ISSN-L 1841-4737

PRO LIGNO
www.proligno.ro

Vol. 7 N° 2 2011
pp. 3-12

Research Article:

EVALUAREA REZISTENȚEI LEMNULUI DE *GMELINA ARBOREA* TRATAT CU ULEI DE CREOZOT ŞI ULEI DIN COAJĂ DE NUCI CAJU LA ATACUL TERMITELOR SUBTERANE

EVALUATION OF THE RESISTANCE OF *GMELINA ARBOREA* WOOD TREATED WITH CREOSOTE OIL AND LIQUID CASHEW NUT SHELL TO SUBTERRANEAN TERMITES' ATTACK

Jacob Mayowa OWOYEMI
Dr. – Federal University of Technology Akure, Department of Forestry and Wood Technology
E-mail: jacobmayowa@yahoo.com

Joshua KAYODE
Prof.Dr. - University of Ado-Ekiti, Department of Plant Science
E-mail: josmodkay@yahoo.com

Samuel Oluyinka OLANIRAN
Graduate Assistant – Federal University of Technology Akure, Department of Forestry and Wood Technology
E-mail: sampeak2006@yahoo.com

BIBLIOGRAFIE / REFERENCES

ADETOGUN, A.C. (1998). Potentials of Cashew Nut Shell Liquid as a fungicide against wood decay. Unpublished PhD. Thesis Department of Forest Resources Management, University of Ibadan, Nigeria. p. 32 - 86.

AKANBI, M.O. (1980). Insects in Forestry. West African Farming and Food Processing Magazine, July/August, 1980.

CBPD (2008). Creosote and the Biocidal Products Directive. January 2008 WEI Position Paper, www. bfath.de/inst4/45/doc/creosote.dpc

DESCH, H.F. (1985). Timber - Its Structure, Properties and Utilization. Macmillan Education Ltd., p. 299 - 302.

ENVIRONMENTAL PROTECTION AGENCY (2007). Creosote and Its Use as Wood Preservative. www. epa.gov/opp/factsheetr/chemicals/creosote

JOF (1998). Technical Information on Cashew Nut Shell Liquid. JOF Ideal Farms Ltd. Owo, Ondo State, Nigeria, p. 80.

MICHAEL, H.F., TODD, F.S., RICHARD, P.V., BARNES, H.M. (2003). Past, Present and Future of the Wood Preservation Industry, Forest Products Journal, 53 (10): 8 - 15.

ONYEKWELU, J.C. (2001). Growth Characteristics And Management Scenarios For Plantation Grown *Gmelina arborea, Nuclear diderichii* in south Western Nigeria. Unpublished PhD Thesis, Faculty of Forestry, University of Technology, Munich, Germany, p. 6 - 175.

OWOYEMI, J.M. (2008). Studies Of Some Preservative Treatment on *Gmelina arborea* Wood. An unpublished PhD Thesis submitted to the School of Postgraduate Studies, University of Ado –Ekiti, Ado-Ekiti, Nigeria.

REMADEVI, O.K., RAJA, M. (2007). Durability of Timber from Exotic Species Against Termites' Attack In India Conditions. Proceedings of the International Group on Wood Protection, IUFRO Regional symposium. Tappei, Taiwan. 29th October-2nd November, 2007.

RICHTER, H.G., DALLWITZ, W.J. (2000). Commercial Timbers: Descriptions, Illustrations, Identification And Information Retrieval. In English, French, German and Spanish. Version 14: 4th May, 2000, http://biodiversity.uno.edu/delta/

TYMAN, J.H.P. (1975). Quantitative Determination of the Olenific Composition Of The Component Phenols In Cashew Nut Shell Liquid. J. Chromatography, III, p. 277 - 284.

TYMAN, J.H.P. (1979). Non- Isoprenoid Long Chain Phenols. In Chem. Soc. Rev. 8, p. 499 - 537.

WALTERS, C.B. (1981). The Chemical Treatment of Wood for End Use. In Wood, Its Structure and Properties. R.F. Hangar, Ed. Pennsylvania State University, p. 150-153.

WILLEITNER, M. (1977). Simple Methods and Insitu treatment. Proceeding of the International Workshop on Wood Preservation held at FRIN, Ibadan 7th – 12th Nov. 1977: p. 12.

***AMERICAN SOCIETY FOR TESTING MATERIALS (1974). Standard Method of Evaluation of Wood and Other Cellulosic Materials for Resistance to Termites. D3345 – 74. Annual Book of Standards, p. 926 – 929.
***AMERICAN SOCIETY FOR TESTING MATERIALS (1979). Standard Method of Testing Wood Preservatives by Laboratory Soil Block Cultures. D1413 – 76. Annual Book of Standards, p. 450 – 458.