

TEXTILE & COMPOSITE INDUSTRIES PTY LTD

Manufacturers of Hemp Decorticating Machinery

INDUSTRIAL HEMP REPORTS AND RESEARCH PAPERS AVAILABLE

Note 1 : These Reports contain much useful data, and yet many of them are ignorant of, or seem to deliberately ignore, the economic benefits of TCI's decortication technology. Many of them state that 'processing costs of hemp are too high', without considering TCI's machines.

Note 2: There are reports available on the Internet about hemp that are simply wrong, outdated, and inaccurate. Reading such reports can be very misleading. Knowing whether a Report is accurate or current is clearly important. All of the Reports and Papers below contain mostly correct information, to TCI's knowledge.

1. Agronomy notes, prepared by Adrian Clarke and others
2. Contemporary Hemp Weaving in Korea, a Report now officially included in the American Textile Society's Proceedings, on traditional ways of decorticating hemp that shows the benefits of TCI's decorticating machinery in eliminating the complex steps inherent in old-style decortication.
3. Cooking with Hemp: a three page Report from Food & Drink UK on new strains of hemp plants that can produce cooking oil with high oleic acid levels.
4. EnviroTextiles Stock Collection from Colorado USA: a detailed listing of commercially available hemp textile products, showing the sophistication of current production and the high quality of existing fashion houses who are hemp textile customers
5. European Decortication & Fibre Market Presentation in 2008 by Gary Newman, containing detailed technical performance parameters of hemp building products, with many interesting photos
6. European Hemp Industry Association (EIHA) Report of March 2013, surveying hemp production in Europe
7. Report on biodegradable weed mats by CSIRO and the Australian Government's Rural Industries Research & Development Corporation of May 2013, showing a significant market opportunity for hemp fibre in weed mat production.
8. FRP Magazine article of August 2013 on Biocomposites in Automobile Applications, discussing the need for, and desire of, car manufacturers for natural fibres and hemp fibres.
9. The Economics, History, and Politics of Hemp Fuels, a 35 page research paper by David Malmo-Levine in January 2008, that includes references to Adrian Clarke, the Managing Director of TCI
10. EBook on hemp handling from the field to the shed and beyond, by TCI
11. Hemp in Composite Materials, a 37 page power point presentation by Mark Lapelaar of NPSP Netherlands, with excellent pictures and data
12. Environmental impact of the use of industrial hemp in construction and insulation materials by Corina van der Hulst, a 42 page research study for Master's Degree from Utrecht University, August 2013, focusing on construction and insulation materials
13. Paul Benhaim, Managing Director of Hemp Foods Australia, Report on Hemp as an overview
14. Carbon Sequestration Benefits of hemp farming by John Dowling, Victorian Farmer, contained in a submission to the Victorian Parliament in December 2009
15. Kentucky University Report on Economic Considerations of Growing Industrial Hemp, July 2013, of 26 pages.
16. Industrial Hemp Submission by Macquarie Valley Group to NSW Government, April 2014
17. Ecological Benefits of Hemp & Flax, a 6 page Report by Nova Institute, Europe May 2011

18. Hemp Food Legalisation Issues Paper by Paul Benhaim, February 2014, exploring how Australia and New Zealand are the only two countries in the world where hemp foods are illegal, and why this must be changed
19. Alberta Canada Report on Biomaterials Development Centre, 2013
20. Power Point Presentation of 36 pages by Adrian Clarke to RMIT's Textile & Fashion Design Department in June 2014, with many useful pictures, showing the evolution of hemp decortication and the unique high quality of hemp fibre produced from usage of TCI's decorticating machinery.
21. Obtaining high quality textile fibre from industrial hemp through organic cultivation, a Report of 41 pages by Enil Bengtsson, at the LTJ Faculty, Sweden March 2013
22. TCI's Submission to the Tasmanian Government Enquiry on industrial hemp, April 2012
23. Ultra Fibre Report 2013 funded by three Trade Associations (including the EIHA) and the EU Commission of 101 pages, showing the value of natural fibres and techniques for use and the commercial benefits and viability thereof.
24. Hemp: a more sustainable annual energy crop in Energy Policy Journal 2013. 11 pages of detailed analysis.
25. Key cultivation techniques for hemp in the Industrial Crops and Products Journal, 2013. 15 pages exploring hemp cultivation in China and Europe.
26. Life Cycle Energy and Greenhouse Gas Emissions of Natural Fiber Composites for Automotive Applications: Impacts of Renewable Material Content and Lightweighting by Claire Boland, a thesis submitted in partial fulfilment of the requirements for the degree of Master of Science (Natural Resources and Environment) University of Michigan, Ann Arbor April 22nd, 2014
27. Development of a windrower for dual-purpose hemp by Y.Chen & J.Liu, University of Manitoba
28. Growing Hemp in Ontario Canada, detailed agronomy notes.
29. Hemp – a report on Natural Fibres by Sebastian Spierling 2012 of 31 pages.
30. Biofiba Ltd Information Memorandum for funds for biodegradeable one way pallet manufacture. 2012. Good analysis of environmental issues and the problem of timber pallets.
31. Phyto Medical Cannabis Prospectus for medical cannabis delivery systems Sept 2014
32. Western Australian Government information paper 2008 24 pages.

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