

APPENDIX 1

EVIDENCE FOR THE ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION – PESTICIDES AND BYSTANDER EXPOSURE STUDY

References that coincide with reference numbers:-

1. Taken from “*Pesticide Poisoning – Have your say,*” on Helen Browning’s website (www.helenbrowningorganics.co.uk) on 9th September 2003 on the page entitled “*Helen’s Soap Box.*”
2. The full transcripts of the ACP Open Meeting held on July 10th 2002 where the main topic was the “*bystander risk assessment*” can be found at:-

http://www.pesticides.gov.uk/uploadedfiles/Web_Assets/ACP/ACP_open_meeting_02_transcript_1.pdf

http://www.pesticides.gov.uk/uploadedfiles/Web_Assets/ACP/ACP_open_meeting_02_transcript_2.pdf

http://www.pesticides.gov.uk/uploadedfiles/Web_Assets/ACP/ACP_open_meeting_02_transcript_3.pdf

3. The Ontario College of Family Physicians (OCFP) Press Release entitled “*Comprehensive Review of Pesticide Research Confirms Dangers,*” released on 23rd April 2004 can be found at:

<http://www.ocfp.on.ca/local/files/Communications/Current%20Issues/Pesticides/News%20Release.pdf>

The OCFP full pesticide literature review can be found at:-

<http://www.ocfp.on.ca/local/files/Communications/Current%20Issues/Pesticides/Final%20Paper%2023APR2004.pdf>

4. A number of studies have found links between pesticide exposure(s) and various cancers in dogs and other domesticated animals as well. These include a study published in the Journal of the National Cancer Institute, 1991 (83: 1226 – 1231) Canine Malignant Lymphoma – Case-Control Study of Canine Malignant Lymphoma: Positive Association with Dogs Owner’s Use of 2, 4 Dichlorophenoxyacetic Acid Herbicides, by Howard M. Hayes, Robert E. Tarone, Kenneth P. Cantor, Carl R. Jessen, Dennis M. McCurnin, Ralph C. Richardson:-

“The findings in this study are consistent with occupational studies in humans, which have reported modest associations between agricultural exposure to 2, 4-D and increased risk of non-Hodgkins lymphoma, the history and epidemiology of which are similar to those of canine malignant lymphoma.”

Also a study published in the Journal of Toxicology and Environmental Health, 1989 (28: 407 – 414) found a statistically significant association between exposure to topical flea and tick dips and the occurrence of bladder cancer in dogs. The risk of bladder cancer

was increased further in dogs living in proximity to areas sprayed regularly with insecticides for mosquitoes.

5. Taken from figures published by the Office of National Statistics on 18th March 2004, as part of its annual *“Living in Britain”* survey.
6. Changing Patterns of Adult [45-74 years] Neurological Deaths in the Major Western World Countries 1979-97, Professor Colin Pritchard, Emeritus Research Professor in Psychiatric Social Work, Dr David Baldwin, Senior Lecturer in Psychiatry, Andrew Mayers, Research Psychologist, Public Health, August 2004.
7. *“UK asbestos – the definitive guide,”* – Asbestos Working Party, (Members: Julian Lowe (Chairman), Brian Gravelsons, Wendy Hawes, Sylwia Jakubowski, Anthony Kent, Andy Macnair, Darren Michaels, Anita Morton, David Sanders, Philip Towell, Andy Whiting, James Widdows, Anthony Williams), The Actuarial Profession, November 2004.
8. Taken from *“Scientific Progress in Understanding Gulf War Veterans’ Illnesses – Report and Recommendations,”* by the Research Advisory Committee on Gulf War Veterans’ Illnesses, (Members: James H. Binns, (Committee Chair); Nicola Cherry, M.D, Ph.D; Beatrice A. Golomb, M.D, Ph.D; Joel C. Graves; Robert W. Haley, M.D; Marguerite L. Knox, M.N, N.P; William J. Meggs, M.D, Ph.D; Pierre J. Pellier, M.D; Stephen L. Robinson; Steve Smithson; Lea Steele, Ph.D, Scientific Director; Consultant to the Committee: Jack Melling, Ph.D), September 2004.

The full report can be found at:-

http://www1.va.gov/rac-gwvi/docs/ReportandRecommendations_2004.pdf

9. Article in the Telegraph on 5th November 2004 entitled *“MoD dismisses report on ‘Gulf War Syndrome’,”* by Michael Smith, Defence Correspondent.
10. *“Guidance for the Setting of Acceptable Operator Exposure Levels (AOELs),”* – Working document/Draft Guidance Document – DG SANCO, 10th September 2001
11. Taken from the *“Opinion of the Scientific Committee on Plants on Commission Draft Guidance Document on the Setting of Acceptable Operator Exposure Levels (AOEL) – (Doc. Sanco/7531/V1/95-rev 6 dated 10 September 2001)”* – (Opinion adopted by the Scientific Committee on Plants on 23rd October 2002)
12. Taken from the submission to the DEFRA Consultation by J. M. Castle of J. M. Castle and Son, dated 26th October 2003
13. Pers comm with Kathryn Dyson, Director of Finance, Pesticides Safety Directorate (PSD), August 2004.

14. Quote from Michael Meacher in the Observer article "*Anger at advisers' biotech links,*" by Antony Barnett and Mark Townsend, July 13th 2003
15. Taken from the All Party Organophosphate (OP) Group Briefing Paper, March 2002 entitled "*Organophosphate Pesticides – their Use and Abuse.*"

Note: A copy of this paper is available on request