

Wallace A. Cowling

BAgrSc(Hons) *Melb.*

PhD *Calif., Davis*

GAICD

- Qualifications:** BAgrSc (Hons) (1975) The University of Melbourne
PhD (1980) University of California, Davis
GAICD (2003) Graduate of the Australian Institute of Company Directors
- Address:** Winthrop Professor Wallace A Cowling, The UWA Institute of Agriculture
M082, The University of Western Australia, 35 Stirling Highway, Crawley,
WA 6009, AUSTRALIA
- Current Positions:** Winthrop Professor, The UWA Institute of Agriculture, UWA
Deputy Director, International Centre for Plant Breeding Education and
Research, UWA
Principal Plant Breeder, NPZ Australia Pty Ltd
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- Previous Professional Positions:**
1982 - 1999: Senior Plant Breeder, Department of Agriculture Western
Australia
1981 - 1982: CSIRO Postdoctoral Student and Visiting Fellow, Department
of Plant Pathology, Cornell University, Ithaca, New York, USA.
1980: Postgraduate Research Plant Pathologist, Department of Plant
Pathology, University of California, Davis, USA.
1976 – 1980: Research Assistant and Graduate Student, Department of
Plant Pathology, University of California, Davis, California 95616, USA.
1975 – 1976: Research Officer, Land Conservation Council, State
Government of Victoria, Australia.
1975: Tutor in Plant Sciences, School of Agriculture and Forestry, The
University of Melbourne, Parkville, Victoria, Australia.
- Research Focus:** Efficient and innovative plant breeding in a commercial framework;
application of evolutionary genetic principles to plant breeding; breeding for
disease resistance; molecular genetics and genomics for improved efficiency
of plant breeding; genetics and biochemistry of plant host-parasite
relationships; plant genetic resources and conservation.
- Publications:** 83 research papers (ISI citation metrics: 10.4 citations per article, h-index 15)
12 books/book chapters
77 papers published in conference proceedings
- Plant Variety Releases and Registrations:**
Major contributor (29): 7 varieties *Lupinus* spp, 22 varieties *Brassica napus*
Significant contributor (8): 6 varieties *Lupinus* spp, 2 *Medicago sativa*
- Awards:** Churchill Fellowship 1990
CSIRO Postdoctoral Studentship, 1981-82
University of California Regent's Fellowship, 1979-1980
Elected to full membership of Sigma Xi Scientific Research Society, 1980
University of California Non-resident Tuition Fee Fellowship, 1977-1979
The University of Melbourne Travelling Scholarship, 1976-1979
Sir Samuel Wadham Medal, Australian Inst. of Agricultural Science, 1974
First place and Wrixon Exhibition, Bachelor of Agricultural Science (First
Class Honours), The University of Melbourne, 1974
Australian Agricultural Council Scholarship, 1971-74
- Supervision/Co-supervision of PhD Theses and MSc Dissertations:**
9 PhD and 1 MSc students graduated under supervision/co-supervision
3 current PhD students