

Curriculum Vitae

Full name: Mr Andrew Hodson

Present position: Company Director HortPlus (N.Z.) Ltd

Present employer: Self employed

Present work address: 1091 Riverslea Road South
RD 2, Hastings

Academic qualifications: B. Hort. Sci.(1st class honours) 1985

Years as a practising researcher: 24

Track Record

Research Title	Principal outcome	Principal end user and contact
MAF research scientist 1986 to 1992	Introduction of Pink Lady apple variety. Establishment of pollinators for Braeburn apple variety.	Growers via articles and field days
Horticultural Consulancy 1992 to 1998	Advising pipfruit growers on crop management.	Pipfruit growers via direct contact
Company director of HortPlus 1998 to present	Development of Metwatch, a disease forecasting tool. Development of various software packages for analysing spray application and crop residues	HortResearch, growers and pipfruit sector heads

Honours/distinctions/membership of societies, institutions, committees:

Nufarm New Faces Award 1988
Hawke's Bay Fruitgrowers' Association Fourneau Award 2000

Professional positions held: (*years, position, institution, activity*)

Member of the ENZA NZ-IFP Pipfruit Committee.
Chairman of the Agrichemical sub-committee. 1996-1998.

Present research/professional speciality:

Management of an IT company called HortPlus. HortPlus is a horticultural software and web-tool developer, specialising in software and web-based solutions for weather data, forecasts and disease predictions, IFP monitoring, spray diary management and analysis and more recently including Geographical Information Systems (GIS) capability. See these web sites for details:

<http://www.spraylog.co.nz>
<http://www.sprayplan.co.nz>

Number of refereed publications: 27

Number of patents: A number of software licences.

Number of significant publications not included in the above: >23

List of major achievements pertinent to this research proposal:

Major publications (in the last five years).

Walker JTS, Park NM, Hodson AJ, Barley MJ, Hodson-Kersey LR, Clothier BE, van den Dijssel C, Manktelow DWL 2008. Agrichemical application issues for growers, communities and the environment. In: Butcher MR, Walker JTS, Zydenbos SMd ed. Future challenges in crop protection: repositioning New Zealand's primary industries for the future. Future challenges in crop protection, 13 August 2007, Napier, New Zealand. Hastings, New Zealand Plant Protection Society. Pp. 87-97. (Proceedings of a symposium.)

Hodson A, Barley M, Hodson-Kersey L. 2009. Weather Sense. Regular contributor. The Orchardist. Journal of Horticulture New Zealand. 2008 and onwards.

Manktelow D, Walker J, Hodson AJ, Suckling M 2001. Use of industry agrochemical use data in the development of Integrated Fruit Production Programmes in the New Zealand horticultural industry. IOBC WPRS Bulletin 24(5): 51-56.

Manktelow DWL, Walker JTS, Beresford RM, Hodson AJ, Laurenson MR 2000. Ten years in the evolution of horticultural decision support systems in New Zealand. Proceedings / Brighton Crop Protection Conference : pests and diseases 3: 1271-1278.

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Major achievements in commercial, social and environmental areas

(including evidence of relationship management, business, commercial and project management expertise, if relevant).

- Development of SprayPlan Manager web-based decision support tool
- Development of SprayLog spray diary software
- Development of SprayView – SprayView Entry and SprayView Analyst spray diary data entry and analysis software
- MetWatch - software and web-based weather data analysis

Demonstration of relationships with end-users

- Supply of services to Pipfruit New Zealand
- Supply of HortPlus services to HortResearch