

## **Refereed Publications**

### **Farhad Dastgheib (PhD)**

#### **Book chapter**

1. Field R.J. and Dastgheib F. 1996. Enhancing uptake and translocation of systemic active ingredients. Chapter 13 *in*: C.L. Foy and D.W. Pritchard (eds.) Pesticide Formulation and Adjuvant Technology. CRC Press, Boca Raton, Florida.

#### **Full journal papers**

1. Dastgheib F. and Frampton C. 2000. Weed management practices in apple orchards and vineyards in the South Island of New Zealand. *New Zealand Journal of Crop and Horticultural Science*. **28** (1): 53-58.
2. Dastgheib F. Kumar K., and Goh K.M. 1999. Weed infestations in wheat cropping systems as affected by crop residues and their management practices. *Biological Agriculture and Horticulture*. **16** (4): 395-407.
3. McDowell R.W., Condrón L.M., Main B.E., and Dastgheib F. 1997. Dissipation of imazapyr, flumetsulam and thifensulfuron in soil. *Weed Research*. **37**:381-389.
4. Dastgheib F. and Field R.J. 1998. Acetolactate synthase activity and chlorsulfuron sensitivity of wheat cultivars. *Weed Research*. **38**: 63-68.
5. Dastgheib, F. Andrews M., Morton J.D. and Barnes M.F. 1995. Mode of action of chlorsulfuron in a sensitive wheat (*Triticum aestivum*) cultivar: primary and secondary effects on nitrogen assimilation. *Annals of Applied Biology*, **127**: 125-135.
6. Dastgheib F., Field R.J. and Namjou S. 1994. The mechanism of differential response of wheat cultivars to chlorsulfuron. *Weed Research*, **34**: 299-308.
7. Dastgheib F., Andrews M., Field R.J. and Foreman M.H. 1990. Effect of different levels of mannitol-induced water stress on the tolerance of cultivated oats (*Avena sativa* L.) to diclofop-methyl. *Weed Research* **30**: 171-179.
8. Andrews M., Dickson R.L., Foreman M.H., Dastgheib F. and Field R.J. 1989. The effect of different external nitrate concentrations on growth of *Avena sativa* L. cv. Amuri treated with diclofop-methyl. *Annals of Applied Biology*, **114**: 339-348.
9. Dastgheib F. 1989. Relative importance of crop seed, manure and irrigation water as sources of weed infestation. *Weed Research* **29**:113-116.

#### **Papers in conference proceedings**

1. Dastgheib, F., Poole N. 2010. Seed biology of brome grass weeds (*Bromus diandrus* and *B. hordeaceus*) and effects of land management. *New Zealand Plant protection*. **63**: 78-83.
2. Dastgheib, F., Jenkins T. and Barnett I. 2010. Comparing cover crops in organic farming for weed suppression and soil fertility. *Agronomy New Zealand*, in press.
3. Dastgheib, F., Merfield C. and Chamberlain T. 2010. Post-emergence thermal weeding in onions (*Allium cepa* L.). *Agronomy New Zealand*, in press.
4. Dastgheib, F. 2006. Non-chemical weed management in linseed. *Proceedings of the Agronomy Society of New Zealand*. (November 13-16, 2006). **36**: 4-11.
5. Dastgheib, F. 2004. Optimising tine weeding in organic wheat. *New Zealand Plant Protection, Proceedings of 57th New Zealand Plant protection Conference* (August 10-12, 2004): 41-44.
6. Dastgheib, F. 2004. Optimising tine weeding in organic pea crops. *New Zealand Plant Protection, Proceedings of 57th New Zealand Plant protection Conference* (August 10-12, 2004): 45-48.

7. Dastgheib, F. Rolston, M.P. and Archie, W.J. 2003. Chemical control of brome grasses (*Bromus* spp.) in cereals. *Proceedings of 56th New Zealand Plant protection Conference* (August 12-14, 2003): 227-232.
8. Rolston, M.P., Archie, W.J., Reddy, K. and Dastgheib, F. 2003. Grass weed control and herbicide tolerance in cereals. *Proceedings of 56th New Zealand Plant protection Conference* (August 12-14, 2003): 220-226.
9. Dastgheib, F. 2003. Timing and frequency of tine weeding in organic wheat and pea crops. *Proceedings of the Agronomy Society of New Zealand*.(June 24-26, 2003), **33**:43-49.
10. Wu Ju-ying and Farhad Dastgheib. 2001.Effects of various herbicides and surfactants on mallow (*Malva* spp). *Proceedings of the 18th Asian-Pacific Weed Science Society Conference*. Beijing, May 28- June 2, 2001, **2**: 589-593.
11. Finlayson M. P. and Dastgheib, F. 2000. The effect of herbicides and surfactants on turf grasses and annual poa. *Proceedings of 53rd New Zealand Plant protection Conference* (August 8-10, 2000): 277-283.
12. Dastgheib, F. Kumar, K., and Goh, K.M. 1998. Effect of crop residues and management practices on weeds in a wheat crop in Canterbury. *Proceedings of the Agronomy Society of New Zealand*. **28**: 17-20.
13. Ganeshan, D. Conner, A.J. and Dastgheib, F. 1998. Chlorsulfuron-resistant variants from asparagus cell cultures: degree of resistance, cross-resistance and AHAS activity. *Proceedings of the 4<sup>th</sup> Asia-Pacific Conference on Agricultural Biotechnology* (Darwin 13-16 July 1998): 353-355.
14. Dastgheib F., Field R.J. and Conner A.J. 1996. Cross resistance of chlorsulfuron-resistant *Brassica* mutants to other herbicides inhibiting acetolactate synthase. *Proceedings of the Second International Weed control Congress* (Copenhagen, 25-28 June 1996): 565-570.
15. Dastgheib F. and Field R.J. 1996. Chemical control of horehound in lucerne. *Proceedings of the Second International Weed control Congress* (Copenhagen, 25-28 June 1996): 1071-1075.
16. Field R.J., Dastgheib F., Plew J. N. and Popay A. I. 1996. Enhanced development of principles and application of integrated weed management. *Proceedings of the Second International Weed control Congress* (Copenhagen, 25-28 June 1996): 1135-1140.
17. McDowell R.W., Dastgheib, F., and Condron, L.M. 1996. Persistence of acetolactate synthase inhibiting herbicides in a Canterbury soil. *Proceedings of the New Zealand Plant Protection Conference*, **49**: 198-201.
18. McDowell, R.W., Condron, L.M., Main, B.E., and Dastgheib, F. 1996. Persistence and movement of acetolactate synthase inhibiting herbicides in a silt loam soil. *Proceedings of the Australian and New Zealand National Soils Conference (Melbourne). Poster Papers: Australian Society of Soil Science/New Zealand Society of Soil Science, Melbourne, 1-4 July 1996*, 159-160.
19. Dastgheib F. and Field R.J. 1995. Calculating chlorsulfuron concentration in plants: an approach for detecting the mechanism of herbicide sensitivity. *Proceedings of 15th Asian-Pacific Weed Science Society Conference* (Tsukuba, July 24-28, 1995): 209-214.
20. Dastgheib F., Field R.J. and Conner A.J. 1995. Response of chlorsulfuron-resistant rapeseed mutants to acetolactate synthase inhibitors. *Proceedings of 15th Asian-Pacific Weed Science Society Conference* (Tsukuba, July 24-28, 1995): 335-338.
21. Dastgheib F. and Field R.J. 1995. Control of perennial grasses by glyphosate and the effect of additional surfactants. *Proceedings of the Fourth International Symposium on Adjuvants for Agrochemicals*. (Melbourne, October 3-6, 1995).

22. Field R.J., Buick R.D. and Dastgheib F. 1995. Analysis of the relationship between surfactant addition and the translocation of herbicide active ingredient. *Proceedings of the Fourth International Symposium on Adjuvants for Agrochemicals*. (Melbourne, October 3-6, 1995).
23. Conner A.J., Abernethy D.J., Dastgheib F. and Field R.J. 1994. *Brassica napus* mutants with increased chlorsulfuron resistance. *Proceedings of 47th New Zealand Plant protection Conference* (August 9-11, 1994): 173-177.
24. Dastgheib F., Field R.J. and Searle H. 1994. Surfactant effects on the uptake of different herbicides by gorse. *Proceedings of 47th New Zealand Plant protection Conference* (August 9-11, 1994): 392-396.
25. Andrews M, Dastgheib F. and Jones A.V. 1993. Chlorsulfuron induced nitrate accumulation in a sensitive wheat cultivar: cause and effect. *Proceedings of 46th New Zealand Plant protection Conference* (August 10-12, 1993): 107-110.

### **Notes & Reports**

1. Dastgheib, F. 2002. Common environmental weeds in Christchurch, Biology and Control. A Review Report for Christchurch City Council. 50 pages
2. Plew J.N., Hill G.D. and Dastgheib F. 1995 The effect of herbicides and mechanical weed control on nodulation in chickpea (*Cicer arietinum* L.). *Proceedings 2<sup>nd</sup> European Conference on Grain Legumes*. (Copenhagen, July 9-13, 1995): 176-177.
3. Dastgheib F. 1995 Weed control in cabbages with aziprotryne, clethodim and their combination. *Proceedings of 48<sup>th</sup> New Zealand Plant protection Conference* (Hastings, August 8-10, 1995): 331-332.
4. Dastgheib F., Plew J.N. and Hill G.D. 1995. Chemical weed control in chickpeas. *Proceedings of 48<sup>th</sup> New Zealand Plant protection Conference* (Hastings, August 8-10, 1995): 186-188.
5. Dastgheib F. and Field R.J. 1995. Germination characteristics of horehound (*Marrubium vulgare*) seed. *Proceedings of 15<sup>th</sup> Asian-Pacific Weed Science Society Conference* (Tsukuba, July 24-28, 1995): 711-713.
6. Dastgheib F. and Field R.J. 1994. Seed germination of horehound. *Proceedings of 47<sup>th</sup> New Zealand Plant protection Conference* (August 9-11, 1994): 93-94.
7. Dastgheib F. and Beigi M. 1988. Weed flora and their effect on rice in Fars province, Iran. *Iran Agricultural Research* **7**:135-142.
8. Dastgheib F., Shojaee Y. and Termeh F. 1988. Weed flora and their effect on rain-fed wheat in Fars Province, Iran. *Iran Agricultural Research* **7**:39-51.
9. Dastgheib F. and Saghri A.R. 1976. Effect of different seed treatment and inoculation methods of branched broomrape on its parasitism to tomato seedlings. *Iranian Journal of Agricultural Research* **4**:109-114.

## **Non-refereed publications**

### **Publications in Professional Magazines**

1. Dastgheib, F. 2001. Weed management in vineyards, where do we stand? *New Zealand Grape Growers*. March 2001, p30-32.
2. Dastgheib, F. and Walsh, C.1999. Public perceptions of pesticides: The role of scientists. *Agricultural Science*. Journal of the Australian Institute of Agricultural Science & Technology and New Zealand Institute of Agricultural Science. **12** (3):35-36.

### **Publications in abstracting journals**

1. Dastgheib, F. and Lahsaiezadeh, A.R. 1988. Efficacy of chemical compounds for sucker control in tombak. *CORESTA Information Bulletin*. 1988 (1): [2564].
2. Dastgheib, F. and Lahsaiezadeh, A.R. 1988. Comparative effect of certain chemicals on sucker control in Shiraz tombak. *CORESTA Information Bulletin*. 1988 (1): [2565].
3. Lahsaiezadeh, A.R. and Dastgheib, F. 1988. Study on broomrape species and their control in tombak fields of Iran. *CORESTA Information Bulletin*. 1988 (1): [2686].

### **Books**

- Dastgheib, F. 1985. A Review on the Herbicides Used in Iran, Properties and Synthesis. (in Persian). Iranian Research Organisation for Science and Technology. Tehran, Iran, 89p.