

## **Wasabi - Japanese Horseradish** (*Wasabia japonica*)

Wasabi research has been carried out at Lincoln University for a number of years and advanced readers may wish to have a look at some of the research papers that have been published from that work.

- DEPREE, J.; SAVAGE, G.P.; HOWARD, T.M. Flavour and pharmaceutical properties of the volatile sulfur compounds of Wasabi (*Wasabia japonica*). *Food Research International* 31: 329-337, 1999.
- SULTANA, T., SAVAGE, G.P., McNEIL, D. L., PORTER, N.G., MARTIN, R.J. Flavour components in the rhizome of soil-grown wasabi *Proceedings of the Nutrition Society of New Zealand* 23: 55-65, 2000.
- SULTANA, T., SAVAGE, G.P., McNEIL, D., PORTER, N., MARTIN, R., DEO, B. Effects of fertilisation on the allyl isothiocyanate profile of above ground tissues in New Zealand grown wasabi. *Journal of the Science of Food and Agriculture*, 82, 1477-1482, 2002.
- SULTANA, T., SAVAGE, G.P., McNEIL, D.L., PORTER, N.G., CLARK, B. Comparison of flavour compounds in wasabi and horseradish. *Food, Agriculture & Environment* 1(12), 117-121, 2003.
- SULTANA, T., PORTER, N.G., SAVAGE, G.P., McNEIL, D.L. Comparison of isothiocyanate yield from wasabi rhizome tissues grown in soil or water. *Journal of Agricultural and Food Chemistry* 51, 3586-3591, 2003.
- SULTANA, T., SAVAGE, G.P. Isothiocyanates as functional compounds. *Proceedings of the Nutrition Society of New Zealand* 28, 129-135, 2003.
- SULTANA, T., McNEIL, D., PORTER, N., SAVAGE, G.P., Investigation of isothiocyanate yield from flowering and non-flowering tissues of wasabi grown in a flooded system. *Journal of Food Composition and analysis*. 2003.
- SULTANA, T., PORTER, N., SAVAGE, G.P., McNEIL, D., Comparison of isothiocyanate yield from wasabi rhizome tissues grown either in soil or water. *Journal of Agricultural and Food Chemistry*. 2003.