

## LIST OF PUBLICATIONS

- Bower, J.P., Van Rooyen, Z. and Allwood, G.A. (2000). Progress in identifying the primary causes of mesocarp discoloration in cv 'Pinkerton'. *South African Avocado Growers' Association Yearbook*, **23**, 15-20
- Van Rooyen, Z. and Bower, J.P. (2001). Mesocarp discoloration in the Pinkerton cultivar. *South African Avocado Growers' Association Yearbook*, **24**, 35-42.
- Van Rooyen, Z. and Bower, J.P. (2002). Tackling the Pinkerton problem. *South African Avocado Growers' Association Yearbook*, **25**, 64-71.
- Van Rooyen, Z. and Bower, J.P. (2003). An investigation of the role of temperature in mesocarp discoloration of 'Pinkerton' avocados. *Acta Horticulturae*, **628**, 575-581.
- Van Rooyen, Z. and Bower, J.P. (2003). The role of fruit mineral composition, phenolic concentration and polyphenol oxidase activity on mesocarp discolouration in 'Pinkerton'. *South African Avocado Growers' Association Yearbook*, **26**, 72-82.
- Van Rooyen, Z. and Bower, J.P. (2005). The role of fruit mineral composition on fruit softness and mesocarp discolouration in 'Pinkerton' avocado (*Persea americana* Mill.). *The Journal of Horticultural Science and Biotechnology*, **80**, 793-799.
- Van Rooyen, Z. and Bower, J.P. (2006). Effects of storage temperature, harvest date and fruit origin on post-harvest physiology and the severity of mesocarp discolouration in 'Pinkerton' avocado (*Persea americana* Mill.). *The Journal of Horticultural Science & Biotechnology*, **81**, 89-98.

## RESEARCH PAPERS PRESENTED

- Van Rooyen, Z. and Bower, J.P. and Allwood, G.A. (2000). Mesocarp discoloration of avocado cv 'Pinkerton'. 9<sup>th</sup> Congress of the Southern African Society for Horticultural Science, Nelspruit, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2001). Mesocarp discoloration in the 'Pinkerton' cultivar. South African Avocado Growers' Association Research Symposium, Nelspruit, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2001). Internal Disorders. Natal Avocado Symposium, Wartburg, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2002). A study of mesocarp discoloration in the 'Pinkerton' avocado cultivar. Combined Congress of the Southern African Society for Horticultural Science and the South African Society of Crop Production, Cedara Agricultural College, Pietermaritzburg, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2002). Tackling the 'Pinkerton' problem. South African Avocado Growers' Research Symposium, Magoebaskloof, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2002). An investigation of the role of temperature in mesocarp discoloration of 'Pinkerton' avocados. XXVI<sup>th</sup> International Horticultural Congress and Exhibition, Toronto, Canada.
- Van Rooyen, Z. and Bower, J.P. (2002). The effect of shipping temperature and mineral analysis on fruit quality. Natal Avocado Symposium, Wartburg, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2003). The effect of mineral status and storage temperature on mesocarp discoloration in 'Pinkerton' avocados. Golden Jubilee Congress: Combined Congress of the Soil Science Society of Southern Africa with South African Society for Horticultural Sciences and the South African Society of Crop Production, Stellenbosch, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2003). 'Pinkerton' do's and don'ts. South African Avocado Growers' Association Research Symposium, Magoebaskloof, South Africa.
- Van Rooyen, Z. and Bower, J.P. (2005). A new approach to preventing chilling injury. South African Avocado Growers' Association Research Symposium, Magoebaskloof, South Africa.