

RESUMÉ

Mr Pieter Raath (*Lecturer in Table Grapes*)

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Vision statement. To establish the DVO as a centre known to produce pre- and post graduate students with a scientific and practical knowledge of table grape production. Parallel to this, to expand the DVO's capacity for research on table grape production.

PERSONAL INFORMATION

40 years

Married with two children

QUALIFICATIONS

- BScAgric (Soil Science), Stellenbosch University, 1989.
- HonsBScAgric (Soil Science, Viticulture), Stellenbosch University, 1991.
- MScAgric (Soil Science), Stellenbosch University, 1995. "The effect of soil water content, pH and temperature on the N supplying capacity of vineyard soils in the Western Cape".
- Currently enrolled for PhD (Agric) programme (Viticulture) at Stellenbosch University with the project title of, "Nitrogen, potassium and calcium nutrition effects on table grape vine physiology and berry quality", aiming for graduation in 2010.

NRF RATING

- Not rated.

WORKING EXPERIENCE

Industry experience: ca. 17 years

Academic experience: ca. 3 years

- Researcher, Agricultural Research Council, 1990 – Jan 1995.
- Agronomist, Active Transformation International, Feb 1995 – Apr 1999.
- Researcher on Contract, Agricultural Research Council, May 1999 – Oct 1999.
- Senior Researcher, Agricultural Research Council, Nov 1999 – Apr 2002.
- Technical Manager, Karsten Farms (Pty) Ltd, May 2002 – May 2004.
- Agricultural Consultant, Neutron Agricultural Services (Pty) Ltd, Jun 2004 – Mar 2005.
- Lecturer, Department of Viticulture and Oenology, Stellenbosch University, since Mar 2005.

TRAINING COURSES ATTENDED

- Speed reading, CTL, SU, 1987.
- Viticulture (Grapevine Morphology), DVO, SU, 1991.
- Forming International Partnerships, TMI, Bellville, May 1996.
- Moroccan Arabic, The American Language School, Fez, Morocco, 1996 – 1997.
- French, The French Foreign Academy, Rabat, Morocco, Jun 1998.
- Sustainable Project Funding, USDA, Stellenbosch, Oct 1999.
- Organic Auditor's Course, SGS, Cape Town, Jan 2001.
- BRC Auditor's Course, SGS, Keimoes, Jun 2002.

- HACCP Food Safety course, CSIR, Cape Town, Aug 2002.
- MS Windows word-processing and spreadsheet software, IT, US, 1990.
- Professional Development of Academics Course, SU, Langebaan, 2006.

AWARDS AND BURSARIES/SCHOLARSHIPS

- Best scientific article published in the *South African Journal for Enology and Viticulture*, 1995.

TEACHING

Undergraduate teaching courses

- Viticulture 344, Table grape cultivation practices
- Viticulture 424, Table grape post harvest aspects

Postgraduate teaching courses

- Viticulture 727, Table grape post harvest aspects

Postgraduate supervision

- Graduates:
 - supervisor for 2 M-degrees
- Registered:
 - supervisor for 3 M-students
 - co-supervisor for 1 M-student

RESEARCH

Research programme

- Established research programme with the focus on quality production, and with three running projects for the table grape industry.
- Part of Wine Science Research Niche Area of the NRF.

Research collaborators

- ARC Infruitec/Nietvoorbij (Prof Hunter). Study leader and project collaborator.

Research grants

- DFPT: R290 000 per year, THRIP: R80 000 per year; iThemba Labs (J. Pzybolowich) project collaborator, 2007.
- DFPT: R90 000 per year, THRIP: R20 000 per year, Experico (J Fourie) project collaborator, 2007.
- DFPT: R45 000 per year, THRIP: R22 000 p.a., 2007.

Research outputs (since 1995)

- Papers in refereed scientific journals 2
- Chapters in books 0
- Popular scientific articles 19
- Published conference proceedings 1
- Abstracts of papers at conferences 5
 - international 0
 - national 5

SERVICES

Managerial services for DVO and IWBT management teams

- Member, DVO Management Committee, since 2004.
- Committee member, Welgevallen Vineyard Project.
- Project leader of Table Grape Production research group.

Membership of SU's committees/boards

- Member, Faculty Board for AgriSciences, since March 2005.

Membership of professional societies and committees

- Member, South African Society for Oenology and Viticulture, since 1990.
- Member, Soil Science Society of South Africa, since 1990.
- Member and Chair Stellenbosch Soil Science Discussion Group, since April 2002.
- Member, Organic Working Group that was formed to advise the Wine and Spirit Board regarding legislation concerning the organic production of wine, 1999 – 2002.
- Technical Expert advising RvA ("Raad voor Acreditatie", the largest international accreditation body) on agricultural related certification, since 1999.

Other professional services

- Examiner, M-theses, Stellenbosch University.
- Reviewer, four scientific journal articles.

Presenter of short courses and lectures at research workshops

- 6 invited lectures at research seminars (4 international; 2 national)
- 25 technology transfer lecturers

Updated: 2008 March