

APPENDIX A: SCORE SHEET USED IN THE SENSORY EVALUATION OF ODOUR GENERATED BY PEARL MILLET

DESCRIPTIVE TEST: PEARL MILLET FLOUR

NAME: _____ SET: _____ DATE: _____

You have been provided with 5 samples of pearl millet flour. Please carefully open the polytop while holding it close to your nose. Smell sample "C" first, then smell the other 4 coded samples and evaluate them for the intensity of the **Mousy odour** in comparison with sample "C", which is the sample with a rating of **9** for the **Mousy odour**. Rate the aroma intensity on the scale below, with **1** being the **least intense** and **9** the **most intense**. Please close the polytops in between the evaluations to prevent the volatilise from escaping.

SAMPLE: _____

Mousy odour

1 2 3 4 5 6 7 8 9

SAMPLE: _____

Mousy odour

1 2 3 4 5 6 7 8 9

SAMPLE: _____

Mousy odour

1 2 3 4 5 6 7 8 9

SAMPLE: _____

Mousy odour

1 2 3 4 5 6 7 8 9

APPENDIX B: LIST OF PUBLICATIONS AND PRESENTATIONS

PUBLICATIONS:

PELEMBE, L.A.M., DEWAR, J. & TAYLOR, J.R.N. 2002. Effect of malting conditions on pearl millet malt quality. *Journal of the Institute of Brewing* **108**: 7-12.

PELEMBE, L.A.M., HALL, A.N., DEWAR, J. & TAYLOR, J.R.N. 2001. Modification of pearl millet grain structure during malting. *Microscopy Society of Southern Africa - Proceedings* **31**: 54.

ORAL PRESENTATION:

PELEMBE, L.A.M., DEWAR, J. & TAYLOR, J.R.N. 2001. Effect of malting conditions on functional and nutritional properties of pearl millet. *16th Biennial Congress of the South African Association of Food Science and Technology*, Durban, South Africa, September 12-14, 2001.

PELEMBE, L.A.M., HALL, A.N., DEWAR, J. & TAYLOR, J.R.N. 2001. Modification of pearl millet grain structure during malting. *Microscopy Society of Southern Africa Annual Conference*. University of the Witwatersrand, Johannesburg, South Africa, December 5-7, 2001.

POSTER PRESENTATION:

PELEMBE, L.A.M., DEWAR, J. & TAYLOR, J.R.N. 2001. Pearl millet (*Pennisetum glaucum* (L.) R. Br.) malting. The *9th International Symposium on Pre-Harvest Sprouting in Cereals*. Berg-en-Dal Camp, Kuger National Park, South Africa; June 24-28, 2001.