

REFERENCES

Abdulai, A & Delgado, CL. 1999.

Determinants of Non-farm Earnings of Farm-Based Husbands and Wives in Northern Ghana. *American Journal of Agricultural Economics*. Vol. 81, February: 117-130

Ahmed, Z.U. 1989.

Effective Costs of Rural Loans in Bangladesh. *World Development*. Vol. 17, No. 3: 357-363.

Anonymous. 1956.

The Tomlinson Debate. *Fact Paper 11. A Supplement to the Digest of South African Affairs*. Johannesburg: Hayne & Gibson. May.

Anonymous. 1956.

The Impact of White on Black in Southern Africa – a Symposium. *Fact Paper 46. A supplement to the Digest Of South African Affairs*. Johannesburg: Hayne & Gibson. November.

Bardhan, P.K. 1980.

Interlocking Factor Markets and Agrarian Development; A Review of Issues. *Oxford Economic Papers*. Vol. 32, No 1: 79-98.

Bardhan, P.K. 1984.

Land, Labour and Rural Poverty: Essays in Development Economics. Delhi: Oxford University Press.

Beckmann, V. & Boger, S. Undated.

Investments, Governance Structures, and Prices in Evolving Markets. The Case of Hog Transactions in Poland. Unpublished Report.

Benham, A. & Benham, L. 1998.

Measuring the Costs of Exchange. Paper prepared for the 2nd Annual Meeting of the International Society for New Institutional Economics. September 17-19, 1998.

Besley, T. 1994.

How Do Market Failures Justify Interventions in Rural Credit Markets? *World Bank Research Observer*. Vol. 9, No. 1: 27-47.

Biswanger, H.P. & Rosenzweig, M.R. 1986.

Behavioural and Material Determinants of Production Relations in Agriculture. *Journal of Development Studies*. Vol. 22, No. 3: 503-539.

Biswanger, H., Khandkar, S.R. & Rosenzweig, M. 1993.

How Infrastructure and Financial Institutions Affect Agricultural Output and Investment in India. *Journal of Development Economics*. Vol. 41: 337-366.

Braverman, A. & Stiglitz, J.E. 1982.

Sharecropping and Interlinking of Agrarian Markets. *American Economic Review*. Vol. 72, No. 4: 715.

Bromley, D.W. & Chavas, J.P. 1989.

On Risk, Transactions, and Economic Development in the Semi-Arid Tropics. *Economic Development and Cultural Change*. Vol. 37, No. 4: 719-736.

Campbell, R. 1978.

People and Markets: An Introduction to Economics. California: Benjamin Cumming Publishing Co. Inc.

Carter, M.R. & Mesbah, D. 1993.

Can Land Market Reform Mitigate the Exclusionary Aspects of Rapid Agro-Export Growth? *World Development*. Vol. 21, No. 7: 1085-1100.

Carter, M.R. & Wiebe, K. 1990.

Access to Capital and its Impact on Agrarian Structure and Productivity. *American Journal of Agricultural Economics*. Vol. 72, No. 5. 1146-1150.

Chayanov, A.V. 1986.

The Theory of Peasant Farm Economy: with a New Introduction by Theodor Shanin. Edited by Thorner, D., Kerblay, B., Smith, R. with Foreword by Shanin, T. Madison: The University of Wisconsin University Press.

Clague, C. 1997.

The New Institutional Economics and Economic Development. In Clague, C (Ed). *Institutions and Economic Development: Growth and Governance in Less-Developed and Post-Socialist Countries*. Baltimore: The John Hopkins University Press.

Clapp, R.A.J. 1988.

Representing Reciprocity, Reproducing Domination: Ideology and the Labour Process in Latin American Contract Farming. *Journal of Peasant Studies*. Vol. 16, No. 1: 5-39.

Coase, R.H. 1937.

The Nature of the Firm. *Economica*. Vol 4: 386-405.

Coase, R.H. 1960.

The Problem of Social Cost. *Journal of Law and Economics*. 3: 1-44.

Cuevas, C.E & Graham, D.H. (1986).

Rationing Agricultural Credit in Developing Countries: The Role and Determinants of Transaction Costs for Borrowers. In Maunder, A. & Renborg, A. (Eds.). *Agriculture in a Turbulent World Economy*. Hampshire: Grower Publishers.

Cuevas, C 1988a.

Transaction Costs of Financial Intermediation in Developing Countries. Economics and Sociology Occasional Paper No. 1469. Agricultural Finance Program. Department of Agricultural Economics and Rural Sociology. The Ohio State University.

Cuevas, C 1988b.

Transaction Costs of Borrowing and Credit Rationing in Developing Countries. Economics and Sociology Occasional Paper No. 1470. Agricultural Finance Program. Department of Agricultural Economics and Rural Sociology. The Ohio State University.

DALA – Department of Agriculture and Land Affairs. 1997.

Food Security Policy for South Africa: A Discussion Document. Unpublished report.

DBSA – Development Bank of Southern Africa. 1998.

Northern Province: Development Profile. Development Paper No 113. Development Information Business Unit. Halfway House: DBSA

De Janvry, A., Fafchamps, M., and Sadoulet, E. 1991.

Peasant Household Behaviour with Missing Markets: Some Paradoxes Explained. *The Economic Journal*. Vol. 101, November: 1400-1417.

Delgado, C. 1991.

Cereal Protection and Agricultural Development Strategy in the Sahel. *Food Policy*. Vol. 16, No. 2: 105-111.

Delgado, C. 1995.

Types of transaction Costs Affecting Agriculture in Developing Countries. Handout given at the discussion of research design on Income Diversification and Comparative Advantage.

Delgado, C. 1997.

The Role of Smallholder Income Generation From Agriculture in Sub-Saharan Africa. In Haddad, L (Ed). *Achieving Food Security in Southern Africa: New Challenges, New Opportunities*. Washington DC: International Food Policy Research Institute

Delgado, C. 1999.

Sources of Growth in Smallholder Agriculture in Sub-Saharan Africa: The Role of Vertical Integration of Smallholders with Processors and Marketers of High Value-Added Items. *Agrekon*. Vol 38. Special issue: May: 165-189.

Delgado, C.L., Hopkins, J., and Kelly, V. with others. 1998.

Agricultural Growth Linkages in Sub-Saharan Africa. IFPRI Research Report No. 107. Washington, D.C.: IFPRI

D'Haese, M. & Mdula, R. 1998.

The Effects of Disempowerment: On-farm problems related to restricted access to resources, support services and rights. In Kirsten, J., van Zyl, J. & Vink, N. (eds). *The Agricultural Democratisation of South Africa*. Cape Town: AIPA/Francolin Publishers

Dorward, A. 1999.

A Risk Programming Approach for Analysing Contractual Choice in the Presence of Transaction Costs. *European Review of Agricultural Economics*. Vol. 26, No. 4: 481-492.

Drabenstott, M. 1995.

Agricultural Industrialization: Implications for Economic Development and Public Policy. *Journal of Agricultural and Applied Economics*. Vol. 27, No. 1: 13-20.

Drugger, W.M. 1983.

The Transaction Cost Analysis of Oliver E. Williamson: A New Synthesis. *Journal of Economic Issues*. Vol. XVII, No. 1: 95-114.

ECl – Econometric Software. 1999. *LIMDEP Version 7.0 for Windows 95, 98 and NT systems*. New York: ECl.

Eggertson, T. 1990.

Economic Behaviour and Institutions. Cambridge Survey of Economic Literature. Cambridge: Cambridge University Press.

Ejupu, E., Kirsten, J.F.K., & Makhura, M. 1999.

Food Security in a Commercialising Rural Economy: Initial Findings from a Case Study of Two Districts in Uganda. *Agrekon*. Vol. 38, No. 4: 827-838.

Ellis, F. 1993.

Peasant Economics: Farm Households and Agrarian Development. Cambridge: Cambridge University Press. 3rd edition.

Fafchamps, M. 1992.

Cash Crop Production, Food Price Volatility, and Rural Market Integration in the Third World. *American Journal of Agricultural Economics*. Vol. 74, February: 90-99.

Fafchamps, M.; de Janvry, A.; & Sadoulet, E. 1995.

Transaction Costs, Market Failures, Competitiveness and The State. In Peters G.H., Hedley, D.D. (Eds). *Agricultural Competitiveness: Market Forces And Policy Choice*. Proceedings of the 22nd International Conference of Agricultural Economists. Dartmouth. Harare, Zimbabwe. 22-29 August 1994.

Fafchamps, M. & Minten, B. 2001.

Property Rights in a Flea Market Economy. *Economic Development and Cultural Change*. Vol. 49, No. 2: 229-268.

Fenwick, L.J. 1998.

Use of Credit and its Impact on Small-Scale Farmer Development in Kwazulu-Natal. Unpublished M.Sc. Thesis. Pietermaritzburg: University of Natal.

Fenwick, L.J. & Lyne, M.C. 1998.

Factors Influencing Internal and External Credit Rationing among Small-Scale Farm Households in Kwazulu-Natal. *Agrekon* Vol. 37, No. 4: 495-504.

Fourie, F.C.v.N. 1989.

The Nature of Firms and Markets: Do Transactions Approach Help? *The South African Journal Of Economics*. Vol. 57, No 2: 142-160.

Frank, S.D. & Henderson, D.R. 1992.

Transaction Costs as Determinants of Vertical Coordination in The U.S. Food Industries. *American Journal of Agricultural Economics*. Vol. 74, November: 941-950.

Gabre-Madhin, E.Z. 1999.

Transaction Costs and Market Institutions: Grain Brokers in Ethiopia. MSSD Discussion Paper No. 31. Market and Structural Studies Division. International Food Policy Research Institute.

Goetz, S.J. 1992

A Selectivity Model of Household Food Marketing Behaviour in Sub-Saharan Africa. *American Journal of Agricultural Economics*. Vol. 74, May: 444-452.

Goetz, S.J. 1995.

Markets, Transaction Costs, and Selectivity Models in Economic Development. In G.J. Scott (ed). *Prices, Products and People: Analyzing Agricultural Markets in Developing Countries*. Boulder: Lynne Rienner.

Greene, W.H. 1981.

On the Asymptotic Bias of the Ordinary Least Squares Estimator of the Tobit Model. *Econometrica*. Vol. 49, No. 2: 505-514.

Greene, W.H. 1993.

Econometric Analysis. New York: Macmillan.

Grosh, B. 1994.

Contract Farming in Africa: an Application of New Institutional Economics. *Journal of African Economies*. Vol 3 No 2: 231-261.

Gujarati, N.D. 1995.

Basic Econometrics. Third Edition. McGraw-Hill: New York.

Haddad, L. & Zeller, M. 1997.

Can Social Security Programs Do More With Less? General Issues With Challenges for Southern Africa. In Haddad, L (Ed.): *Achieving Food Security in Southern Africa: New Challenges, New Opportunities*. Washington DC: IFPRI.

Hayes, D., Havenga, M. & Thompson, S.J. undated.

Transaction Costs Economics and the Evolving Structure of Agricultural Production. Unpublished. Research Report.

He, P. & Yang, M. 1999.

Case Analysis on the Formation of Transaction Costs for Marketing by Farmers. *Chinese Rural Economy*. No. 16. 40-44

Hanushek, E.A. & Jackson, J.E. 1977.

Statistical Methods for Social Scientists. San Diego: Academic Press, Inc.

Heckman, J. 1979.

Sample Selection Bias as a Specification Error. *Econometrica*. 47: 153-161.

Hendrikse, G.W.J. & Veerman, C.P. 2001.

Marketing Co-operatives: An Incomplete Contracting Perspective. *Journal of Agricultural Economics*. Vol 52, No 1: 53-64.

Hirsch, P.M, & Lounsbury, M.D. 1996.

Rediscovering Volition: The Institutional Economics of Douglas C. North. Book Review Essay. *Academy of Management Review*. Vol. 21, No. 3: 872-884.

Hobbs, J. E. 1997.

Measuring the Importance of Transaction Costs in Cattle Marketing. *American Journal of Agricultural Economics*. Vol. 79, November: 1083-1095.

Holden, S.T. 1997.

Adjustment Policies, Peasant Household Resources Allocation and Deforestation in Northern Zambia: An Overview and Some Policy Conclusions. *Forum for Development Studies*. No 1.

Holden, S.T. & Binswanger, H.P. 1998.

Small-Farmer Decision Making, Market Imperfections and Natural Resource Management in Developing Countries. In E. Lutz (Ed). *Agriculture and the Environment: Perspective on Sustainable Rural Development*. A World Bank Symposium, Washington, D.C. October 1998.

- Holloway, G., Nicholson, C., Delgado, C., Staal, S., & Ehui, S. 2000.
Agro-industrialization through Institutional Innovation Transaction Costs, Cooperatives and Milk-Market Development in the East-African Highlands. *Agricultural Economics*. Vol 23: 279-288
- Houghton, D.H. 1956.
The Tomlinson Report: A Summary of the Findings and Recommendations in the Tomlinson Commission Report. Johannesburg: The South African Institute of Race Relations.
- Hubbard, M. 1997
The "New Institutional Economics" in Agricultural Development: Insights and Challenges. *Journal of Agricultural Economics*. Vol. 48, No. 2: 239-250.
- Instriligator, M.D. 1971.
Mathematical Optimization and Economic Theory. Prentice-Hall Series in Mathematical Economics (Series editor: Bear, D.V.T.). Englewood Cliffs: Prentice-Hall, Inc.
- Jaffee, S & Morton, J. 1995.
Private Sector High-Value Food Processing and Marketing: A synthesis of African Experience. In Jaffee, S & Morton, J (eds). *Marketing Africa's High-Value Foods: Comparative Experiences of an Emergent Private Sector*. Dubuque: Kendall / Hunt Publishing Company.
- Judge, G.G., Hill, R.C., Griffiths, W.E., Lutkepohl, H. & Lee, T.C., 1988.
Introduction to the Theory and Practice of Econometrics. New York: John Wiley & Sons
- Karaan, A.S.M. 1999.
Bridging the Small-Big Divide: A Transaction Cost Approach to Enterprise Modelling for Mussel Mariculture in Saldanha Bay. *Agrekon*. Vol. 38, No. 4: 680-692.

Kennedy, P. 1992.

A Guide to Econometrics. Third Edition. Massachusetts: MIT Press.

Key, N., Sadoulet, E., and de Janvry, A. 2000.

Transactions Costs and Agricultural Household Supply Response. *American Journal of Agricultural Economics*. Vol. 82, May: 245-259.

Kirsten, J.F. 1994.

Agricultural Support Programmes in The Developing Areas of South Africa. Unpublished PhD thesis. Pretoria: University of Pretoria

Kirsten J.F., Sartorius von Bach H.J. & van Zyl, J. 1993.

Evaluation of the Farmer Support Programme: Sub-Assignment III (Venda, Lebowa And Kangwane). Final Report on Agricultural Economic Analysis. Unpublished Report.

Kirsten, J.F., Van Zyl, J. & Vink, N. 1998.

The Agricultural Democratisation of South Africa. Cape Town: AIPA/Francolin Publishers.

Kmenta, J. 1986.

Elements of Econometrics. 2nd Ed. New York: Macmillan.

Maddala, G.S. 1988.

Introduction to Econometrics. London: Macmillan.

Maddala, G.S. 1992.

Limited-Dependent and Qualitative Variables in Econometrics. *Econometric Society Monograph No. 3*. Cambridge: Cambridge University Press.

Makhura, M.T. 1994.

Theoretical and Econometric Models of Commercialization Behaviour of Households in the Developing Areas of South Africa. Unpublished MS Thesis. State College: Pennsylvania State University,.

Makhura, M.T; Coetzee, G.K. & Goode, F.M. 1996.

Commercialization as a Strategy for Reconstruction in Agriculture. *Agrekon*. Vol. 35, No. 1: 35-40.

MALA – Ministry of Agriculture and Land Affairs. 1998.

Agricultural Policy in South Africa: A Discussion Document. Cape Town: CTP Book Printers.

Mathye, M.M., Makhura, M.T. & Kirsten, J.F. 2000.

Transaction Costs in the Marketing of Bananas: Explaining Market Participation of Smallholders in The Northern Province. Paper presented at the 38th annual AEASA conference held in Sun City 27-29 September 2000.

Mathye, M.M. 2001.

Transaction Costs in the Marketing of Mango and Banana – The Case of Mhinga-Shikundu and Phaswana Areas of the Northern Province. Unpublished MInstAgrar Thesis (coming).

Matthews, R.C.O. 1986.

The Economics of Institutions and the Sources of Growth. *The Economic Journal*. Vol. 96, December: 903-918.

Matungul, P.M. 2000a.

Marketing Problems Faced by Emerging Farmers in South Africa: A Case Study of Transaction Costs in Kwazulu-Natal. In NRF Agricultural Policy Research Unit. Durban: University of Natal.

Matungul, P.M. 2000b.

Buying Patterns for Staple Foods amongst Rural Households in Kwazulu-Natal: Informal Constraints Perspective in Impendle and Swayimana. *Agrekon*. Vol 39, No 2: 142-150.

May, J. 1998.

Poverty and Inequality in South Africa. Report prepared for the Office of the Executive Deputy President and the Inter-Ministerial Committee for Poverty and Inequality. Durban: Fishwicks.

McIntire, J. & Delgado, C. 1985.

Statistical Significance of Indicators of Efficiency and Incentives: Examples from West African Agriculture. *American Journal of Agricultural Economics*. Vol 67, No 4: 733-738.

Mekuria, M. & Moletsane, N.P. 1996.

Initial Findings of Rural Household Food Security in Selected Districts of the Northern Province. *Agrekon*. Vol. 35, No. 4: 309-313.

Minot, N. 1999.

Effect of Transaction Costs on Supply Response and Marketed Surplus: Simulations Using Non-Separable Household Models. MSSD Discussion paper no. 36. Washington DC: International Food Policy Research Institute.

Nabli, M.K. & Nugent, J.B. 1989.

The New Institutional Economics and its Applicability to Development. *World Development*. Vol.17, No. 9: 1333-1347.

Ngqangweni, S.S. 2000.

Promoting Income and Employment Growth in The Rural Economy of the Eastern Cape through Smallholder Agriculture. Unpublished PhD Thesis. Pretoria: University of Pretoria.

Nicholson, W. 1992.

Microeconomic Theory: Basic Principles and Extensions. 5th ed. Tokyo: Dryden Press.

North, D.C. 2000.

Revolution in Economics. In C. Menard (ed.). *Institutions, Contracts and Organisations: Perspectives from New Institutional Economics*. Cheltenham: Edward Elgar.

NPDA – Northern Province Department of Agriculture. 1996.

Agricultural Economic Profile. Agricultural Economics Sub-directorate & The Geographic Information System.

Omamo, S.W. 1998.

Transport Costs and Smallholder Cropping Choices: An Application to Siaya District, Kenya. *American Journal of Agricultural Economics*. Vol. 80, February: 116-123.

Paarlberg, D. 1993.

The Case for Institutional Economics. *American Journal of Agricultural Economics*. Vol. 75, August: 823-827.

Poulton, C., Dorward, A., Kydd, J., Poole, N., and Smith, L. 1998.

A New Institutional Economics Perspective On Current Policy Debates. In Dorward, A., Kydd, J., And Poulton, C. (Eds.). *Smallholder Cash Crop Production under Market Liberalisation: A New Institutional Economics Perspective*. Oxford: CAB International.

Rauniyar, G.P. 1990.

An Econometric Model of Rate of Adoption of Agricultural Technology for Developing Countries. Unpublished Ph.D. Thesis, State College: Pennsylvania State University.

Sadoulet, E. & de Janvry, A. 1995.

Quantitative Development Policy Analysis. Baltimore: John Hopkins University Press.

Saito, K.A. & Villanueva, D.P. 1981.

Transaction Costs of Credit to the Small-Scale Sector in the Philippines. *Economic Development and Cultural Change*. Vol. 29 No. 3: 631-640.

Sen, A.K. 1966.

Peasant Dualism with or without Surplus Labour. *Journal of Political Economy*. Vol. 74, No. 5: 425-428.

Sen, A. 1981.

Market Failure and Control of Labour Power: Towards an Explanation of Structure and Change in Indian Agriculture. Part 1. *Cambridge Journal of Economics*. Vol. 5: 201-228.

Silberberg, E. 1990.

The Structure of Economics: A Mathematical Analysis. New York: McGraw-Hill, Inc.

Staal, S., Delgado, C. & Nicholson, C. 1997.

Smallholder Dairy under Transactions Costs in East Africa. *World Development*. Vol. 25, No. 5: 779-794.

Staal, S.J.; Delgado, C.; Balteweck, I.; & Kruska, R. 2000.

Spatial Aspects of Producer Milk Price Formation in Kenya: A Joint Household-GIS Approach. Paper submitted to the IAAE meeting, Berlin, August 2000.

Stiglitz, J. 1998.

Markets, Market Failures and Development. In Eicher, C. and Staatz, J. (Eds.) . *International Agricultural Development*. 3rd edition. Baltimore: John Hopkins University Press.

Strasberg, P.J., Jayne, T.S., Yamano, T, Nyoro, J, Karanja, D. & Straus, J. 1999.

Effects of Agricultural Commercialisation on Food Crop Input Use and Productivity in Kenya. MSU International Development Working Paper No. 71. Department of Agricultural Economics. East Lansing Michigan State University.

Strauss, J. 1984.

Marketed Surpluses of Agricultural Households in Sierra Leone. *American Journal of Agricultural Economics*. Vol. 66, August: 321-31.

Swaminathan, M. 1991.

Segmentation, Collateral Undervaluation, and the Rate of Interest in Agrarian Credit Markets: Some Evidence from Two Villages in South India. *Cambridge Journal Of Economics*. Vol 15: 161-178.

Timmer, C.P. 1997.

Farmers and Markets: The Political Economy of New Paradigms. *American Journal of Agricultural Economics*. Vol. 79, May: 621-627.

Tobin, J. 1958.

Estimation on Relationship for Limited Dependent Variables. *Econometrica*. Vol. 26: 26-36.

Terreblanche, S.J. 1998.

Empowerment in Context: The struggle for hegemony in South Africa. In Kirsten, J., van Zyl, J. & Vink, N. (eds). *The Agricultural Democratisation of South Africa*. Cape Town: AIPA/Francolin Publishers

Van Rooyen, C.J., Vink, N. & Christodoulou, N.T. 1987.

Access to the agricultural market for small farmers in Southern Africa: The farmer support programme. *Development Southern Africa*. Vol 4 No 2: 207-223.

Van Rooyen, J. 1995.

Overview of DBSA' s Farmer Support Programme, 1987-93. In Singini, R. & van Rooyen, J. (eds). *Serving Small-scale Farmers: an evaluation of the DBSA's farmer support programmes*. DBSA: Halfway House.

Vink, N., Kirsten, J. & van Zyl, J. 1998.

Favouritism in Agricultural Policy and Support Services. In Kirsten, J., van Zyl, J. & Vink, N. (eds). *The Agricultural Democratisation of South Africa*. Cape Town: AIPA/Francolin Publishers

Vink, N. & van Zyl, J. 1998.

Black Disempowerment in South African Agriculture: A historical perspective. In Kirsten, J., van Zyl, J. & Vink, N. (eds). *The Agricultural Democratisation of South Africa*. Cape Town: AIPA/Francolin Publishers

Von Braun, J., De Haen, H. & Blanken, J. 1991.

Commercialization of Agriculture under Population Pressure: Effects on Production, Consumption, and Nutrition in Rwanda. Research Report 85. Washington DC: International Food Policy Research Institute.

Williamson, O.E. 1979.

The Transaction Costs Economics: The Governance of Contractual Relations. *Journal of Law and Economics*. Vol. 22, October: 233-261.

Williamson, O.E. 1993.

The Evolving Science of Organization. *Journal of Institutional and Theoretical Economics*. Vol. 149: 36-63.

Williamson, O.E. 1996.

The Mechanisms of Governance. New York: Oxford University Press.

World Bank, 1994.

World Bank Development Report: The State in a Changing World. Oxford: Oxford University Press.

Zaibet, L.T. & Dunn, E.G. 1998.

Land Tenure, Farm Size, and Rural Market Participation in Developing Countries: The Case of the Tunisia Olive Sector. *Economic Development and Cultural Change*. Vol. 46, No. 4: 831-848.

Zander, R. 1992.

Limits of the Transaction Cost Approach in the Comparative Analysis of Financial Intermediaries. A Seminar on Pioneer, Problems and Premises of Rural Financial Intermediaries in Developing Countries. 17-19 November. Wageningen.