



The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.



Centre for Agricultural Strategy



Smallfarmers' Association

Strategies for family-worked farms in the UK

Edited by R B Tranter

CAS Paper 15 December 1983

Appendix I

List of authors and chairmen of discussion groups

- Major P T S Brown;** Farmer, Tir Mawr, Ffairfach, Llandeilo, Dyfed.
- Mr C J Bunting;** Farmer, Howland Farm, Wicken Bonhunt, Saffron Walden, Essex.
- Mr A J Errington;** Lecturer, Farm Management Unit, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr J M Evans;** Regional Socio-Economic Adviser, ADAS SE Region, Government Buildings, Coley Park, Reading, Berkshire.
- Professor G W Furness;** Chief Agricultural Economist, DANI and Professor of Agricultural Economics, Queen's University of Belfast, Dundonald House, Belfast.
- Dr R M Gasson;** Senior Research Associate, Department of Environmental Studies and Countryside Planning, Wye College (University of London), Ashford, Kent.
- Mr G L Gladwell;** Regional Farm Management Advisory Officer, ADAS SE Region, Government Buildings, Coley Park, Reading, Berkshire.
- Mr A W Hales;** Farm Management Advisory Officer (Horticulture), ADAS SE Region, Government Buildings, Coley Park, Reading, Berkshire.
- Mr P M Harris;** Lecturer, Department of Agriculture and Horticulture, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr A Harrison;** Reader in Agricultural Economics, Department of Agricultural Economics and Management, University of Reading, 4 Earley Gate, Reading, Berkshire.
- Mr M R Hastings;** Management Training Adviser, Agricultural Training Board, National Agricultural Centre, Stoneleigh, Kenilworth, Warwickshire.
- Mrs S C Heatherington;** Research Student, Department of Agricultural Economics and Management, University of Reading, 4 Earley Gate, Reading, Berkshire.
- Mr J L Jollans;** Research Officer, Centre for Agricultural Strategy, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Dr J G W Jones;** Senior Lecturer, Department of Agriculture and Horticulture, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr A Korbey;** Farmer and Honorary Research Fellow, Centre for Agricultural Strategy, University of Reading, 1 Earley Gate, Reading, Berkshire.

- Dr C P Mitchell;** Research Fellow, Department of Forestry, University of Aberdeen, St Machar Drive, Aberdeen.
- Dr J E Moss;** Senior Agricultural Economist, DANI and Lecturer in Agricultural Economics, Queen's University of Belfast, Newforge Lane, Belfast.
- Mr S Neate;** Associate, Graham Moss Associates, 12 Eton Street, Richmond, Surrey.
- Dr J Pearce;** Retired Senior Lecturer in Management, Department of Agriculture and Horticulture, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr G Pollott;** Senior Technical Officer, MLC, PO Box 44, Queensway House, Milton Keynes, Buckinghamshire.
- Mr A H Poole;** Head, Information Unit, Farm Management Services, MMB, 39 Christchurch Road, Reading, Berkshire.
- Mr M Potter;** Assistant to Head of Pig Improvement Services, MLC, PO Box 44, Queensway House, Milton Keynes, Buckinghamshire.
- Dr A P Power;** Head, Economics III Division, MAFF, 55 Whitehall, London SW1.
- Professor T A Preston;** Consultant, 30 Russell Drive, Christchurch, Dorset.
- Dr C L Pugh;** Farmer and Consultant, Goongillings Farm, Constantine, Falmouth, Cornwall.
- Mr F E Shields;** General Secretary and Treasurer, National Federation of Young Farmers' Clubs, National Agricultural Centre, Stoneleigh, Kenilworth, Warwickshire.
- Mr A W Spedding;** National Beef Consultant, MLC, PO Box 44, Queensway House, Milton Keynes, Buckinghamshire.
- Mr L A Stewart;** Farmer, Dunaverig, Ruskie, Thornhill by Stirling, Dumfriesshire.
- Mr J P Taylor;** Assistant Secretary (Parliamentary and Land Use), Farmers' Union of Wales, Llys Amaeth, Queen's Square, Aberystwyth, Dyfed.
- Mr A M M Thompson;** Research Officer, Centre for Agricultural Strategy, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr R B Tranter;** Research Officer, Centre for Agricultural Strategy, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr W K Turner;** Land Management Adviser, Countryside Commission, John Dower House, Crescent Place, Cheltenham, Gloucestershire.
- Dr J M Walsingham;** Research Officer, Department of Agriculture and Horticulture, University of Reading, 1 Earley Gate, Reading, Berkshire.
- Mr J M Watson;** Senior Economic Assistant, Economics III Division, MAFF, 55 Whitehall, London SW1.
- Mr D M Winter;** Freelance Researcher, 2 High Street, Exbourne, Okehampton, Devon.

Appendix II

List of those attending the symposium

Mrs S A Adcock	Scientific Officer, Department of Agriculture and Horticulture, University of Reading
Mr G P Allen	Manager, Research and Development Department, Agricultural Training Board, Beckenham, Kent
Mr J D S Birkbeck	Training Adviser, Agricultural Training Board, Inverness
Mr P W Blake	Principal, Northumberland College of Agriculture, Ponteland, Newcastle-upon-Tyne
Major P T S Brown	Farmer, Landeilo, Dyfed
The Duke of Buccleuch and Queensberry	Farmer and Landowner, Drumlanrig, Dumfriesshire
Dr R G H Bunce	Research Ecologist, Institute of Terrestrial Ecology, Grange-over-Sands, Cumbria
Mr M P Burr	Socio-Economic Adviser, Farm Planning Unit, The West of Scotland Agricultural College, Ayr
Mrs G Calthorpe	General Secretary, Womens' Farm and Garden Association, Colchester, Essex
Mr W J Campbell	Deputy Secretary, Ulster Farmers' Union, Belfast
Mr R Cartwright	Senior Assistant (Projects), North York Moors National Park, Helmsley, York
Mr E Clarke	Director, The Yarner Trust, Totnes, Devon
Mr P Clery	Farmer and Director of The Lands Improvement Group Ltd, London
Mr C Coats	Principal Land Agent, Gloucestershire County Council, Gloucester
Mr P L Cottle	Lecturer in Business Studies, Lincolnshire College of Agriculture and Horticulture, Riseholme, Lincoln
Prof D R Denman	Land Consultant, Cambridge
Revd B L Druce	Agricultural Chaplain, Severn Stoke, Worcester
Dr J M Dunn	Chief Agricultural Economist, DAFS, Edinburgh
Mr A J Errington	Lecturer, Farm Management Unit, University of Reading
Mr J M Evans	Regional Socio-Economic Adviser, ADAS SE Region, Reading

Prof G W Furness	Chief Agricultural Economist, DANI and Professor of Agricultural Economics, Queen's University, Belfast
Dr R M Gasson	Senior Research Associate, Department of Environmental Studies and Countryside Planning, Wye College, Ashford, Kent
Mr G L Gladwell	Regional Farm Management Advisory Officer, ADAS SE Region, Reading
Mr R W Golding	Farmer and Chartered Accountant, Dunmow, Essex
Mr A Gray	Lecturer, Hampshire College of Agriculture, Sparsholt, Winchester
Mr A W Hales	Farm Management Advisory Officer (Horticulture), ADAS SE Region, Reading
Mr P C Harris	Research Student, Department of Geography, University College of Wales, Aberystwyth
Mr P M Harris	Lecturer, Department of Agriculture and Horticulture, University of Reading
Mr A Harrison	Reader in Agricultural Economics, Department of Agricultural Economics and Management, University of Reading
Mr M R Hastings	Management Training Adviser, Agricultural Training Board, Kenilworth, Warwickshire
Mr T J Hayes	Principal Land Agent, Hereford and Worcester County Council, Worcester
Mrs S C Heatherington	Research Student, Department of Agricultural Economics and Management, University of Reading
Mr A G Heron	Farmer, Whitby, North Yorkshire
Mrs A G Heron	Farmer, Whitby, North Yorkshire
Mr J R Hickish	Land Steward, Duchy of Cornwall, Liskeard, Cornwall
Mr C B R Higgins	Research Student, Department of Agriculture, University of Nottingham
Mr B J Holland	Farmer, Chepstow, Gwent
Mr J D Hunter-Smith	Farmer, Lampeter, Dyfed
Mr J L Jollans	Research Officer, Centre for Agricultural Strategy, University of Reading
Dr J G W Jones	Senior Lecturer, Department of Agriculture and Horticulture, University of Reading
Mr J R P Jones	Agricultural Adviser, ADAS, Droitwich, Worcestershire
Mr M R Jones	Research Student, Department of Agriculture and Horticulture, University of Reading
Mr A W Kirke	Research Student, Department of Agricultural Economics, Queen's University of Belfast
Mr A Korbey	Farmer and Honorary Research Fellow, Centre for Agricultural Strategy, University of Reading
Ms G Lavers	Research Officer, Dartington Institute, Totnes, Devon
Revd R Lewis	Agricultural Chaplain, Ludlow, Shropshire
Mr R F Lord	Agricultural Economist, Edinburgh School of Agriculture
Mr D J MacCarthy	Farmer, Holt, Norfolk
Mr R A Macaskill	Lecturer, Department of Agriculture, University of Nottingham
Prof Masami Toi	Professor of Agricultural Economics, Department of Economics, University of Kansai, Japan
Dr C P Mitchell	Research Fellow, Department of Forestry, University of Aberdeen
Mr E T Morahan	Principal Economist, Policy Planning Research Unit, Department of Finance, Northern Ireland, Belfast

Mr J A Morford	Farm Manager and Smallholder, Saxmundham, Suffolk
Dr J E Moss	Senior Agricultural Economist, DANI and Lecturer in Agricultural Economics, Queen's University of Belfast
Mr F Nicholls	Retired Lecturer in Business Studies, Birmingham
Mr J E T Paice	Training Manager, United Farm Production Ltd, Woodbridge, Suffolk
Mr O A Palmer	Chief Land Agent, Cambridgeshire County Council, Cambridge
Dr J Pearce	Retired Senior Lecturer in Management, Department of Agriculture and Horticulture, University of Reading
Mr A M Peterson	Principal Inspector, DAFS, Edinburgh
Mr A H Poole	Head, Information Unit, Farm Management Services, MMB, Reading
Dr A P Power	Head, Economics III Division, MAFF, London
Prof T A Preston	Consultant, Christchurch, Dorset
Dr C L Pugh	Farmer and Consultant, Falmouth, Cornwall
Dr Tahir Ur Rehman	Lecturer, Farm Management Unit, University of Reading
Mr D H Richards	Freelance Writer, Bridgend, Mid-Glamorgan
Ms L Rigbey	Land Correspondent, Farmers' Weekly, Sutton, Surrey
Mr M A Robinson	Lecturer, Harper Adams Agricultural College, Newport, Salop
Dr N P Russell	Lecturer, Department of Agricultural Economics, University of Manchester
Dr D B Shepherd	Economist, Economics Division, The National Farmers' Union, London
Ms C M Sidwell	Research Assistant, Department of Forestry and Natural Resources, University of Edinburgh
Mr N Sinden	Research Assistant, Michael Boddington and Associates Ltd, Henley-upon-Thames, Oxfordshire
Mr P G Smith	Agricultural Economist, Farm Planning Unit, The West of Scotland Agricultural College, Ayr
Mr A W Spedding	National Beef Consultant, MLC, Milton Keynes, Buckinghamshire
Prof C R W Spedding	Director, Centre for Agricultural Strategy, University of Reading
Mr L A Stewart	Farmer, Thornhill by Stirling
Mr S Sutcliffe	Chartered Civil Engineer, Upminster, Essex
Mr J P Taylor	Assistant Secretary (Parliamentary and Land Use), Farmers' Union of Wales, Aberystwyth
Mrs R Taylor	Farm Management Services Consultant, MMB, Thames Ditton, Surrey
Mr M G V Thompson	Head of Biology Department, Bradfield College, Berkshire
Mr J A Tomlinson	Principal Land Agent, Northamptonshire County Council, Northampton
Mr R B Tranter	Research Officer, Centre for Agricultural Strategy, University of Reading
Mr D J Turkington	Agricultural Economist, Agriculture Division, ICI plc, Billingham, Teeside
Mr R P Voelcker	Farmer, Chippenham, Wiltshire
Dr J M Walsingham	Research Officer, Department of Agriculture and Horticulture, University of Reading
Mr J M Watson	Senior Economic Assistant, Economics III Division, MAFF, London
Mr M Weiss	Grower, Mortimer, Reading
Mrs R B Weiss	Grower, Mortimer, Reading

Mr H J Williams

Mr A M Wilson

Mr D M Winter

Mrs A Withers

Mrs P Woods

Deputy Director (Wales), Nature Conservancy Council,
Bangor, Gwynedd

Conservation Planning Officer, RSPB, Sandy, Bedfordshire

Freelance Researcher, Okehampton, Devon

Research Officer, Centre for Agricultural Strategy, University
of Reading

Farmer, Kingsbridge, Devon

Index

- accidental deaths, 232
- added value, 249
- ages of farmers, 29, 38
- Agricultural,
 - Development and Advisory Service, 52, 157, 162
 - Horticultural Development Scheme, 25, 34, 54, 188, 259
 - Mortgage Corporation, 155
 - policy, 237, 256
 - Training Board, 256
- amenity planting, 220
- annual labour units, 73, 82, 86
- beans, 24
- beef, 127 *et seq*, 182
 - variable premium, 34
- Belgium, 56 *et seq*
- Bovingdon Hall Farm, 219
- British Trust for Conservation Volunteers, 221
- budget, Community, 34
- buildings, 28
- bulbs, 147, 200
- business,
 - activity, 20
 - changes in, 22
 - size, 13-15, 29, 30
 - structure, 22
- buying, Intervention, 34
- calves, 184
- cancer deaths, 232, 233
- capital,
 - availability, 109, 249
 - fixed, 52
 - interest on, 25, 35
 - investment appraisal, 174
 - landlord's, 158, 159
 - repayment of borrowed, 27
 - return on, 27
 - tenant's, 158, 159, 167
- cash flow in dairying, 122
- cattle, 18, 23 (see also *livestock* and *LFA*)
 - farm size group, 19
 - gross margins, 131
 - net income, 25, 26
 - Northern Ireland, 182
 - part-time farmers, 51
 - size of business, 15, 17, 26
 - West Devon, 191
- census, June agricultural, 72, 223, 232
- cereals, 26, 27, 51, 75, 237
- change,
 - farm size, 193
 - methods, 107
- circulatory disease, 232, 233
- classification of farms, 73
- Commission of the European Communities, 33, 34
- Common Agricultural Policy, 33, 34, 247, 264

- communal working, 194
- Community budget, 34
- conservation, 216 *et seq*
 - demonstration farms, 216
 - smallfarming, 236 *et seq*, 247, 257
- constraints on change, 264
- contractors, 70
- co-operation, 69, 124, 248, 263
- co-responsibility levy, 33
- cost minimisation, 174
- county council smallholdings scheme, 111, 190, 249, 251
- critical,
 - farm size, 88
 - path analysis, 174
- crop areas, distribution, 37, 40
- cropping, 17–19, 24–26, 78
- Culm Measures, 191

- dairy herd conversion scheme, 166
- dairying,
 - burden of CTT, 123
 - cash flow, 122
 - co-operation, 124
 - herd sizes, 117
 - mean total factory productivity, 76, 81
 - net income, 25, 26
 - net margins, 116
 - Northern Ireland, 182 *et seq*
 - part-time farmers, 51
 - profitability, 114, 118–120
 - reductions in numbers of farms, 23
 - size of business, 15, 17, 18, 26
 - size of farm, 19, 116
 - small farms, 114 *et seq*, 251
 - trends, 115
 - West Devon, 193
- Denmark, 56, 59 *et seq*, 107
 - Farmer Training Scheme, 59
- Department of Agriculture for Scotland, 211
 - the Scottish Office, 213
- Devon, family farming, 191 *et seq*
- discounting, 174
- Domesday Book, 265

- efficiency,
 - and farm size, 69 *et seq*, 164, 252
 - mobility of land use, 35
 - net income, 27, 28
 - owner occupiers, 33
 - part-time farming, 43
 - redefinition, 105
- employment, 20

- English Tourist Board, 166
- enterprise mix, 174
- entrants to farming, 42, 105, 169, 249, 255, 261, 264
- environment protection, 43, 216 *et seq*, 253
- European Community, 12, 56, 73, 107
 - Common Agricultural Policy, 33, 34
 - Farm Accounts Data Network, 74
 - Farm Capital Grants Scheme, 108
 - Farm Classification System, 13
 - sheep policy, 141
 - socio-economic guidance, 89, 162 *et seq*
 - Structure Survey, 29
- European,
 - Currency Unit, 34
 - Size Units, 13 *et seq*, 72 *et seq*
 - Units of Account, 13

- factory farms, 256
- family farms,
 - and conservation, 216 *et seq*
 - definition, 255, 258, 260
 - health, 230 *et seq*
 - income supplements, 35
 - Isles of Scilly, 200 *et seq*
 - numbers, 212
 - policies, 56 *et seq*, 202, 246 *et seq*
 - population, 43
 - and the SFA, 44
 - socio-economic aspects, 162 *et seq*
 - and trees, 239
 - and tourism, 200–204
 - variety, 247
 - in Wales, 187 *et seq*
 - in Warwickshire, 196 *et seq*
 - in West Devon, 191 *et seq*
 - and wives, 223 *et seq*
- Farm,
 - Accounts Data Network, 74
 - based tourism, 200, 204
 - Capital Grants Scheme, 108
 - distribution, 12–15
 - EC classification system, 13
 - family-worked, 12, 18, 21, 23, 27
 - full time, 22, 29
 - Holiday Bureau, 166
 - Management Survey, 13, 27, 29, 32, 71, 223
 - Management Unit, 223
 - numbers, 16 *et seq*
 - part-time, 30, 42 *et seq*, 265
 - size, 12 *et seq*, 45, 50, 59, 69 *et seq*, 103, 255 *et seq*

- structure, 12, 22, 32, 105, 201
- systems, 165
- type, 12 *et seq*
- farmers,
 - ages, 29
 - employers and managers, 230
 - own-account, 230
- Farming,
 - and Horticulture Development Scheme, 218
 - intensity, 52
 - regions, 14, 16
 - share, 109
 - and Wildlife Advisory Group, 217, 221
- Federation of Danish Smallholders Union, 60
- FEOGA, 33
- flock size, 34
- flowers, 147
- Food and Agriculture Organisation, 43
- forestry, 46, 239 *et seq*, 251
- France, 60 *et seq*, 112, 125
 - SAFERS, 60, 63, 107
- Funds,
 - European Regional Development, 33
 - European social, 33
 - FEOGA guidance, 33
- Germany, 57, 60 *et seq*, 125
 - Real Property Transactions Law, 60
- glasshouses, 144 *et seq*
- grant aid, 28, 213, 236, 256
- grassland,
 - areas, 37
 - distribution, 37
 - stocking rate, 31
- grazing, rough, 30
- gross margin, 12, 30
 - beef, 131
 - EC standard, 13–19
 - pigs, 135
 - sheep, 138
- Groupements Fonciers Agricoles*, 64
- health, 197, 230 *et seq*
- herd size, 34
- Hill Livestock Compensatory Amounts, 24, 34, 166, 184, 249
- hired,
 - machinery, 70
 - workers, 20, 28, 192, 202, 230
- hobby farmers, 43
- holdings, 12, 30
- fragmentation, 43
- number, 57, 116, 145, 187
- size, 58, 116, 145, 187
- horseculture, 43
- horticulture, 15–19, 143 *et seq*
 - markets, 152, 153
 - net farm income, 151
- income, 12, 24 *et seq*, 248
 - direct payments, 35
 - supplement, 35
 - tax, 35
- income and expenditure,
 - beef, 131
 - dairying, 120–123
 - horticulture, 149, 150
 - pigs, 133–135
 - sheep, 138–140
- indebtedness, 27
- inheritance, 63, 169, 262
- Institute of Terrestrial Ecology, 236
- intensity of land use, 30, 193
- intensive crops, labour, 51
- interest, 25, 27
- internal rate of return, 174–176
- intervention,
 - buying, 34
 - Board, 258
- investment,
 - from income, 32
 - ranking, 174
- Ireland, 56, 60 *et seq*
- Irish Land Commission, 61
- Italy, 57, 59, 61 *et seq*
- labour,
 - family, 21, 223
 - force, 20, 21, 185
 - intensive crops, 51
 - Units Annual, 73, 82, 86
- land,
 - availability study, 239
 - letting, 33
 - limited resource, 120
 - mobility, 35, 197
 - sales, 33
- landlords,
 - and capital taxation, 108
 - in France, 64
 - in Germany, 65
 - supply of capital, 56
 - and tenancy laws, 62, 64, 110, 249
- large farms, 256 *et seq*

- legislation, 59
- Less-Favoured Areas,
 - cattle and sheep, 15, 17–19
 - HLCA's, 24, 34
 - net incomes of livestock farms, 25, 26, 28
 - Northern Ireland, 182, 185
 - redefinition, 32
 - Scotland and Wales, 18
 - West Devon, 191
- Levy,
 - Co-responsibility, 33
 - Supplementary, 34
- linear programming, 174, 183, 240
- livestock,
 - farms, 15–19, 23–28, 127 *et seq*, 237
 - structural adjustment, 32
 - numbers, 40
- Luxembourg, 57 *et seq*
- machinery, 28
- management, 173 *et seq*
 - and investment income, 240, 242
 - theory, 173
 - transfer to sons, 198
- Manpower Services Commission, 256
- measures of size and efficiency, 72, 250
- Meat and Livestock Commission, 127, 158
- milk, 24, 34
 - marketing, 114
 - marketing boards, 114, 158
 - net margins, 116
- mixed,
 - farming, 193
 - tenure farms, 32
- mortality, 230 *et seq*
- motivation, 105
- multiple job holding, 44–54, 208
- Napoleonic Code, 66
- National Farmers' Union, 256
- National Parks, 216
- net present values, 240
- Netherlands, 56 *et seq*
- new agricultural landscapes, 216 *et seq*
- New Zealand, 141
- Northern Ireland, 182
- Northfield Committee, 65
- nursery stock, 147
- oilseed rape, 24
- Office of Population Censuses and Surveys, 230
- orchards, 144 *et seq*
- Organisation for Economic Co-operation and Development, 44, 49
- output, 54
 - standard, 73
- owner occupied farms, 32, 192
- part-time farms, 29, 44–46, 109, 265
 - features, 46
 - interface with non farm systems, 206, 210
 - prejudice against, 247
 - profits, 47, 48
 - problems, 48
 - size, 45, 50
 - standard man days, 48
 - systems, 51
- part-time farmers,
 - other occupations, 46, 47, 197, 207
- performance, 23
- pick your own, 153, 167
- pigs, 127, 131 *et seq*
 - and poultry, 15–26, 51, 182, 193, 201
- policy, 33, 56 *et seq*, 185, 258
- potatoes, 25
- prices, 24, 33, 34, 248, 256, 258, 264
- price support, 34
- primary products, 12
- processing industries, 12
- production,
 - economics, 174
 - level determination, 174
 - pattern, 12
 - proportion from types of farms, 13
- productivity, 69 *et seq*, 248
- prospects for small farm businesses, 30
- regions, map of, 39
- regional differences, 250
- rents, 65
- rental value, 27
- research,
 - institute, 212, 214
 - needs, 257, 259
- resource,
 - allocation, 173
 - use, 28, 43
- respiratory deaths, 232, 233
- retirement, 168
 - activity, 29
 - encouragement of, 59, 65, 190, 258, 262
 - pensions, 35
- rough grazing, 30
- rural community, 106

- demise, 206, 247, 255
- strategy, 263
- SAFERS, 60, 63, 107, 261
- sales of land, 33
- Scottish Agricultural Development Council, 212
- share farming, 109
- sheep, 18, 23 (see also *livestock* and *LFA's*)
 - business size, 15
 - Isles of Scilly, 201
 - MLC target data, 140
 - Northern Ireland, 182
 - performance, 138
 - production, 137 *et seq*
 - systems, 139
 - variable premiums, 34
 - West Devon, 193
- silage, 129
- small farms,
 - and conservation, 236 *et seq*
 - costs of setting up, 170
 - decline in numbers, 13, 23
 - Northern Ireland, 182
 - productivity, 248
 - prospects, 30, 226, 241 *et seq*
 - representation, 250
 - survival, 62
- Smallfarmers' Association, 42, 44, 53, 251, 252, 255
- smallfarming, definition, 43
- social policy, 259
- Socio-economic,
 - Service, 162 *et seq*, 188
 - groups, 230
- soil capability, 30, 31
- specialisation, 193
- spouse/wife, 44–46, 51, 156, 202, 223 *et seq*
 - activities, 224
 - as manual worker, 225
 - as adviser, 226
- Standard,
 - Farm Units, 56
 - Gross Margin, 13–15, 18, 19, 73, 131, 135
 - outputs, 73
- standard man days,
 - capital investments and grants, 52, 54
 - correlations with other factors, 86 *et seq*
 - efficiency, 70–73
 - horticulture, 143
 - Northern Ireland, 182
 - number for one job, 208
 - part-time farming, 44, 48
 - regional changes, 22
 - series, old and new, 20
 - very small farm businesses, 29
 - Wales, 187
- standard mortality ratios, 230, 232, 234
- statistics, official, 214
- stocking rate, 31
- strategies, 255 *et seq*
- stroke deaths, 232
- Structure Survey, EC, 29
- subsidies, 236
- succession, 168, 196 *et seq*, 250
- Supplementary,
 - Benefit, 35
 - Levy, 34
- taxation,
 - capital, 108, 189
 - capital transfer, 199, 236
 - concessions, 213
 - and conservation, 221
 - dairy farms, 121
 - incomes, 27
 - inheritance, 59, 251, 260
 - privileges to small farms, 62
 - value added, 111, 236
- technical progress, 23, 32
- technology,
 - and the family farm, 211 *et seq*, 253
 - uptake, 163
- tenanted farms, 32, 62, 64, 108, 110, 249, 257, 261
- theory and practice, 173 *et seq*
- Total Factor Productivity, 69–103
 - and cereal farms, 79, 83, 85, 90, 91, 99
 - and dairy farms, 80–85, 94–97, 101, 102
 - and farm size, 77
 - and general cropping, 78, 83–85, 92, 93, 100
- tourism, farm based, 200 *et seq*
- training, 59, 108, 196, 197, 249, 254
- Treaty of Rome, 212
- trees and fuel, 239 *et seq*
- Tynllan Farm, 217–219
- unemployment, 35, 206, 247
- United States of America, 45, 49
- Units of Account, 13
- urban fringe, 43
- vegetables, 144 *et seq*
- very small farm businesses, 29
- Wales, family farms, 187
- way of life, 42

welfare, 35
wife/spouse, 44–46, 51, 156, 202
 223 *et seq*
 activities, 224
 as adviser, 226
 as manual worker, 225
Wildlife and Countryside Act, 162

workforce, 12, 176

yields,
 crops, 24, 32
 dairy cows, 24, 32
Young Farmers' Clubs, 256

Centre Publications

Reports

- 1 *Land for agriculture* (1976) £1.50
- 2 *Phosphorus: a resource for UK agriculture* (1978) £1.75
- 3 *Capital for agriculture* (1978) £2.75
- 4 *Strategy for the UK dairy industry* (1978) £2.95
- 5 *National food policy in the UK* (1979) £2.85
- 6 *Strategy for the UK forest industry* (1980) £8.50
- 7 *The efficiency of British agriculture* (1980) £2.85

Papers

- 1 Marsh, J S (1977) *UK agricultural policy within the European Community* £1.50
- 2 Tranter, R B (Ed) (1978) *The future of upland Britain* £13.50
- 3 Harrison, A, Tranter, R B & Gibbs, R S (1977) *Landownership by public and semi-public institutions in the UK* £1.75
- 4 Collins, E J T (1978) *The economy of upland Britain 1750–1950: an illustrated review* £2.20
- 5 McCalla, A F (1978) *International agricultural research: potential impact on world food markets and on UK agricultural strategy* £1.50
- 6 Swinbank, A (1978) *The British interest and the green pound* £1.50
- 7 Robbins, C J (Ed) (1978) *Food, health and farming: a report of panels on the implications for UK agriculture* £2.40
- 8 Ritson, C (1980) *Self-sufficiency and food security* £2.00
- 9 Tranter, R B (Ed) (1981) *Smallfarming and the Nation* £2.00
- 10 Jollans, J L (Ed) (1981) *Grassland in the British economy* £20.00
- 11 Marshall, B J & Tranter, R B (Eds) (1982) *Smallfarming and the rural Community* £2.50
- 12 Hallam, D (1983) *Livestock development planning: a quantitative framework* £10.00
- 13 Carruthers, S P & Jones, M R (1983) *Biofuel production strategies for UK agriculture* £6.50
- 14 Jollans, J L (Ed) (1983) *Agriculture and Human Health* £10.50
- 15 Tranter, R B (Ed) (1983) *Strategies for family-worked farms in the UK* £7.50

Orders: All publications available from: The Centre for Agricultural Strategy, University of Reading, 1 Earley Gate, Reading RG6 2AT. Prices quoted include postage.

11/25

~~ST. PAUL CAMPUS
LIBRARY~~



HD
1476
.G7
S77y
1983

UNIVERSITY OF MINNESOTA
stp
HD 1476.G7 S77y 1983

Strategies for family-worked farms in th



3 1951 000 225 090 Z