



AgEcon SEARCH
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

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.*

PROCEEDINGS OF THE
EIGHTH
INTERNATIONAL CONFERENCE
OF
AGRICULTURAL ECONOMISTS

HELD AT
KELLOGG CENTER
MICHIGAN STATE COLLEGE
U.S.A.

15-22 AUGUST 1952

GEOFFREY CUMBERLEGE
OXFORD UNIVERSITY PRESS

LONDON NEW YORK TORONTO

1953

INDEX

Aereboe, Friedrich, on the value of land, 254

Africa, 138, 144, 146
 agricultural development in, 143-4, 146-7, 200-1, 317-18, 414-15
 land development in, 42
 land tenure in, 236-7

Agrarian Reformers, the, 230

Agricultural economics, 7 ff.
 'closed' curriculum in training in, 297, 328
 enterprise costing, 305-6
 extension in, 123, 159, 170, 290, 304
 farm planning, 306-8
 government administration and, 323-4, 327-8, 483-4
 history of, and its teaching, 327
 natural sciences and, 322, 328
 tasks for International Conference in, 475
 technical assistance in less developed regions, *see* Technical assistance
 training in, 270-8, 295 ff., 319 ff.
 under-developed countries and, 318-22
See also Production, agricultural; Research; Under-developed countries

Agricultural efficiency and rural welfare, 366 ff.

Agricultural Marketing Act, 1929 (U.S.A.), 525

Agriculture:
 agricultural programmes in under-developed countries, 181-204
 ambivalent logic of agricultural control, 519-31
 benefit-cost analyses, 139-41
 capital and development in, 53, 125 ff., 195
 co-operative associations, 124
 distances in farming, 256-8
 education and, 172-3, 297 ff., 522, 528
 efficiency and rural welfare in, 366-86
 efficiency in, 195, 565-6
 full employment and, 430-49
 incomes and, 88-89, 377-86, 433-4, 572
 industry and, in under-developed countries, 185-6
 Kellogg, C. E., on production from the world's undeveloped land, 40-41

Agriculture (*cont.*)
 migration of farmers and, 101, 124, 157-9, 178
 national policies and programmes in, 181 ff., 221-2, 519 ff.
 nineteenth century and, 100-1
 problems in the implementation of plans, 187 ff.
 soil poverty in equatorial regions, 200
 statistics and, 330-46
 teamwork in development programmes, 184
 tropics and sub-tropics, and development in, 134-80
 under-employment in, 433, 434, 444
 western Europe and proposed integration of, 107-16
See also Agricultural economics; Crops; Farms

Alaska, undeveloped land in, 55

Algeria, conditions and development in, 156-7

Andal, M. E., on land classification, 265-6

Anderson, D., on agricultural economists and government administration, 323-4
 on the marketing of milk, 357-9

Anderson, W. J., on improvements in marketing, 220-1

Antonietti, A., on agricultural immigration, 157-9

Argentina:
 export of agricultural products, 472, 474
 wheat and, 464

Arteaga Y Ortega, J., on agricultural production and world needs, 568-71

Ashby, A. W., 229
 'Interrelationships of the social sciences in rural welfare', 410-24, 428-9
 on efficiency and welfare in agriculture, 378-81
 on transport and its connexion with economic agriculture, 161-4
 on world food supplies and population, 47-49

Asia, 172-3, 181
 density of population in, and production, 474-5
 economic development and birth- and death-rates in, 22 ff.
 food supplies and population change in, 21 ff., 38 ff.

- Asia (*cont.*)
 land tenure in, 236
 southern Asia and the Colombo Plan, 128
 southern Asia, conditions and culture in, 172-3
See also Colombo Plan
- Åstrand, H., on agricultural statistics in Sweden, 344
- Australia:
 agricultural prices in, 483
 export of agricultural products, 471, 472, 474
- Bácz, M., on problems of under-developed countries, 219-20
- Bank for International Settlements, Report of, 458
- Barlowe, Raleigh, on world food supplies and pressure of population, 53-56
- Bartlett, R. W., on economic co-operation in Europe, 111-14
- Bean, L. H.
 on agricultural income, 381-3
 on the allocation of resources and government intervention in agriculture, 565-6
 on food production and purchasing power, 514
 on food supplies in the U.S.A., 59-61
- Beilby, O. J.:
 on allocation of resources in agriculture, 560-1
 on Milk Marketing Boards and prices, 356
- Benelux Agreement, the, 105-6, 539
- Beveridge, Lord, and full employment, 436, 438, 440
- Bhattacharjee, J. P.:
 on colonization and income and welfare, 174-5
 on land reform and production, 407
 on population and food supplies in India, 87-92
- Biermann, E., 470
- Birth-rates, 15 ff., 54, 57, 63-64, 67, 77, 85-86
 decline in fertility, 16 ff., 27
 factors in decline of, 18
 increases in Far East, 20-21, 23 ff.
 reproduction-rate table, 78
- Births, 156
 restriction of, 16-19, 27, 28, 48, 56, 85-86, 157, 178
- Black, John D., 179-80
- Black, John D. (*cont.*)
 'Trends in food supplies in the world', 32-46, 61-62
 on agricultural development, 165-7
 on agricultural economy and social values, 427-8
 on agricultural income and efficiency, 383-4
 on national policies in agriculture, 556-7
- Booth, J. F.:
 on welfare and international trade, 492-4
 on world food supplies, 49-53
- Boucher, G. P., on markets for agricultural products, 217-19
- Brandt, Karl:
 'The economic objectives of F.A.O., Point IV, and the Colombo Plan', 117-33, 176-80
 on development in retarded countries, 223-4
 on India and on food supplies, and population, 83-87
- Brannan, Charles F., on land-tenure problems, 389
- Brazil, 189, 194-5
 Salte Plan in, 182-3
- British Commonwealth, Colombo Plan of;
see Colombo Plan
- Buganda, agriculture in, 146
- Burkett, W. K., on farming as a way of life and U.S.A. colleges of agriculture, 315-16
- Burma, agricultural development in, 141-2
- Butter, tables of international trade in, 470-2, 473
- Canada, 62, 149, 225
 agriculture in, 50, 51-52, 481-2, 483
 export of agricultural products, 474
 full employment in, 443, 444, 447
 wheat agreements, 459
 world trade and, 450, 451
- Capital:
 agriculture and, 52-53, 55, 125 ff., 147-8, 155-6, 161, 164, 165
 capital saving, 422
 consumption and production, 428-9
 economic progress and, 423-4
 farming and, 394-5
 investment and, 127, 212
 marketing of products and, 218
 under-developed countries and, 126-7, 189-90, 194-6, 198-9
 U.S.A. and, 226
See also Investment

- Case, H. C. M.:
 on agricultural programmes, 566-7
 on economic co-operation in Europe,
 109-11
 on training in agricultural economics,
 324-5
- Cépède, M.:
 'The economic and social problems that
 emerge in carrying through land
 reform', 383-400, 407-9
 on agricultural prices and international
 markets, 491-2
- Cereals, 33
 table of prices, 508
 western Europe and, 542-3
 world trade in, 471, 476
- Ceylon:
 coffee crop in, 200
 Colombo Plan and, 128
 death-rates reduced in, 20
 population change in, and economics,
 19-21
- Cheese, 461-2
 Belgium and Holland and, 539
- Chile, agriculture in, 56, 182, 193, 197-8,
 480
- China, 38-40, 414
- Ciarrocca, V., on the economic integration
 of western Europe, 114
- Clark, Colin, and food supply, 44-45
- Clark, J. M., and wage policy and employ-
 ment, 438
- Colombia, 190
 Five-Year Plan for, 187
- Colombo Plan, the, 117 ff., 128, 129-30,
 172, 181
- Conklin, H. E., on land classification,
 266-7
- Co-operative Extension Service (U.S.A.),
 292
- Co-operative Societies, 124, 176, 232,
 242-3, 247, 405, 408, 524
 milk and, 351, 352, 359-63, 364
- Costa Rica, agricultural economics in,
 312
- Cotton, 302, 480
 in Anglo-Egyptian Sudan, 144-5
 U.S.A. reserves of, 562
- Cowden, T. K., on the philosophy of full
 employment, 440-3
- Craig-Martin, P. F., 494
 on food supplies in Chile, 56
 on the price of wheat and international
 trade policy, 478-80
- Cramois, A., on the purchasing power of
 Europe, 555-6
- Crops:
 hybrid corn crop in the U.S.A., 567
 reserve supplies of, 562-3
 statistics of yields of, 338, 345-6
 table of yields of, 82
 world production of, 496 ff., 502-3
- Currie, J. R., 11
- Davies, P., on land reform problems and
 sizes of farms, 405-6
- Dawe, C. V., on agricultural economists,
 291
- Death-rates, 15 ff., 22, 24, 58
 decline in, 15, 16, 20, 67
- Denmark, 102
 agricultural history, 33
 agriculture in, 393, 394, 466, 537-8
 land tenure in, 248-9
 long-term contracts and, 469
 trade of, 539-40
- Derteano, Carlos:
 on international trade and economic de-
 velopment in Latin America, 484-6
 on technical assistance and develop-
 ment in Peru, 170-1
- Dietze, C. von:
 'Long-term objectives in land tenure',
 227-44, 251
 on a peasant system, 427
- Dixey, R. N., on training in agricultural
 economics, 295-9
- Dumping, definition and effect of, 470
- Duncan, J. F.:
 'The impact of full employment on
 agriculture and industry', 430-40,
 448-9
 on agricultural control in Europe,
 571-2
 on western European economic integra-
 tion, 114-15
- Ebling, W. H., on agricultural statistics,
 341-4
- E. C. E., Report on agricultural problems,
 290
- Economics, *see* Agricultural economics
- Education:
 agricultural, 172-3, 292, 297 ff., 325,
 522
 'closed' curriculum, 297
- Egypt, 24, 181
- Eliot, President, 298
- Elmhirst, Leonard K., 1, 244
 Presidential Address, 6-12
- Emigration, *see* Agriculture: migration of
 farmers

- Employment:
- agriculture and industry and full, 430-49
 - Europe, Western, and, 104
 - full employment policy, 434 ff., United Nations' Report on, 431-2, 437-8, 440, 442
 - Erlich, Alexander, on Soviet industrialization, 407
 - Ethiopia, transport costs in, 192
 - European Economic Co-operation, Organization for, 98, 532 ff., 573
 - Exports and imports, *see under* Trade
 - Extension service, 177-8, 191; *see also under* Agricultural economics
 - Ezekiel, M., 176, 177
 - on agricultural economy in less developed countries and training in, 318-22
 - on economic and agricultural development, 149-52
 - on efficiency and income in agriculture, 385-6
 - on industrial production, purchasing power and full employment, 515-18
 - on international trade today, 224
 - Ezekiel, M., and Saco, A., 'The problems of planning agricultural programmes in less developed countries', 181-94, 201-4
 - F.A.O., 35, 117 ff., 149 ff., 198, 202, 203, 315, 320-1
 - agricultural products and world trade and, 490-1
 - International Emergency Food Council, 119
 - Farm Business Associations, 305
 - Farms:
 - co-operative organization of family, 395, 402
 - co-operatives, 405, 408
 - family, 389, 390-6, 397, 398, 401-3, 409, 542, 544
 - size of family, 390-2, 401, 406, 407-8
 - size of farms and efficiency in, 48-49
 - small, 542, 544
 - See also* Co-operative Societies
 - Finland:
 - farm layout in, 257-8
 - land classification in, 260, 262
 - Flores, E., on population growth in Latin America, 59
 - Food:
 - export and import balances of, 501
 - manufacturing efficiency and trade in, 506
 - marketing of, 205 ff.
 - Food (*cont.*)
 - tables of production, 497, 498
 - trend in world, 32-46
 - world exports of, 500-1
 - world prices of, 504-6
 - world production of, 496 ff.
 - world purchasing power and, 496-518
 - See also* Population: Food supplies and
 - Ford Foundation, the, 130-1
 - Formosa, 19 ff.
 - France:
 - agriculture in, 371, 393, 395, 398, 536-7
 - birth-rate and death-rate in, 371
 - economic difficulties of, 555
 - Plan Monnet of, 191
 - wheat exports and imports of, 492
 - Fruits and vegetables, trade and, 544-5
 - Germany, 97
 - Agrarian Reformers in, 230
 - agricultural development in, 179
 - imports and western, 535
 - imports of agricultural products, 471
 - land classification in, 262-4
 - land tenure in western, 234
 - Gezira Scheme, the, 144-5, 200
 - Gold Coast, the, 222
 - agricultural development in, 146
 - cocoa in, 200
 - Great Britain:
 - agricultural income in, 380
 - agricultural statistics in, 331 ff.
 - death-rate and health service, 57-59
 - education in, 295-7, 299
 - farm labour in, 435
 - full employment and industry in, 436, 446
 - import prices of food, 504, 505
 - imports and, 471 ff., 535
 - marketing of milk in, 347 ff.
 - meat contracts, 462, 463
 - prices in, 384-6, 463, 508-9, 515-16
 - Schuman Plan and, 106
 - United States and trade with, 210-11
 - Hannah, J. A., President, Michigan State College, 1-3
 - Hardin, C. M., 4
 - Harris, Marshall, and land-tenure policy, 227, 240
 - Havana Charta, 453 ff., 491-2
 - Haythorne, G. V., on full employment and agriculture, 443-5
 - Hibbard, Benjamin, 246
 - Hill, F. F., on production and resources, 375-8

- Hirsch, D. E., on milk marketing in the U.S.A., 359-63
- Howard, James O., and three-step formula for agriculture in Russia, 238
- Hsiao, Tseng, and Chinese land policy, 238
- Huni, Albert:
 'Extension in agricultural economics', 290-5, 326
 on agriculture and trade in Switzerland, 564-5
- India:
 agricultural development in, 153-4
 agricultural statistics in, 345-6
 Colombo Plan and, 128
 Community projects in, 74-75
 farm production in, 369
 Five-Year Plan in, 70-72, 77, 94
 food supplies and population in, 39, 66-95
 Ford Foundation and, 130-1
 land reform in, 403-5
 land tenure in, 236
 motives and incentives in, 414
 Planning Commission in, 193, 201
 population tables, 79, 80, 81
- Indonesia, increased birth-rate and agricultural development in, 56-57
- Inflation, 446, 447, 448, 551
- Inter-American Institute of Agricultural Sciences, 276-8, 312-15, 328
- International Bank, the, 128, 169, 170, 198
- International Emergency Food Council, 119
- Investment, 174-5, 435 ff.
 capital and, 127, 212
 capital and development programmes, 189-90
 O.E.E.C. member countries and, 534-5
 technical assistance and, 167-70
- Iran, 235
 Seven-Year Plan for, 190
- Iraq, 181
 Economic Planning Board in, 193
- Ireland:
 agriculture and trade in, 540
 decreased population in, 17-18
 population control, 43
- Irrigation:
 in Europe, 84
 in India, 73
 in Iran, 235-6
 in Mexico, 190
 in Peru, 171, 183
- Israel:
 agricultural development in, 155, 156
 land-tenure system in, 236, 247-8, 251
- Italy:
 agriculture in, 395, 537-8
 food supplies in, 42-43
 land reform in, 248-9
- Jacobsen, A. P.:
 'International trade in agricultural products', 465-78, 494
 on a unified European market, 564
- Japan, 19 ff. 39, 40, 76, 236
- Java, 24, 57
 agricultural development and population growth in, 64-65
- Jessness, O. B., on population and world food supplies, 46-47
- Jewish National Fund, land settlements and, 247-8, 251
- Joglekar, N. M., on problems in agricultural programmes, 201-2
- Johnson, Gale:
 and agricultural income, 383
 on development in Europe and American foreign trade policy, 552-5
- Johnson, Sherman E., on agricultural economic research, 299-303
- Johnson, Stewart, 'Some generalizations on efficiency in marketing', 347-55, 363-5
- Kellogg, Charles E., on undeveloped land, 40-41
- Keynes, Lord, 6, 11, 12
- Kirk, J. H., 'Agricultural statistics—their status and means of improvement', 330-41
- Korea, agricultural reconstruction and, 183
- Labour, agricultural, 52-53, 412-13, 435, 439
 in Brazil, 195
 in India, 68-69
 in under-developed countries, 185
 in western Europe today, 103-4
 social relations and, 439-40, 445
- Land:
 classification of, and its economic problems, 252-69
 table of cultivated land, 81
 undeveloped, 40-41, 52, 88-90
 value of, 253-5, 265 ff.
- Land Grant Colleges, 2, 294

- Land Reform, 273, 538
 economic and social problems of, 387-409
- Land tenure:
 collectivization and, 237-9
 human relations and, 227-8
 Moshve Ovdim in Israel, 248
 objectives in, 227-51
 peasants and, 227 ff.
 social justice and, 240
- Larsson, Gerhard, and farming in Sweden, 257
- Latin America:
 agricultural economics in, and training for, 271 ff.
 agricultural programmes and development in, 59, 181 ff.
 economic development and foreign trade in, 484-6
 land-tenure problems in, 235
 production and agriculture in, 372
 undeveloped land in, 42, 123
- Lebeau, L. F., on conditions in Algeria, 156-7
- Lilienthal, David, T.V.A. and, 177
- Liversage, V., on agricultural economy in undeveloped countries, 317-18
- Livestock:
 farm manure from, 92-93
 human food supply and, 465-6
 production, 33, 34, 50, 539
 products and trade in, 543-4
- Lloyd, E. M. H.:
 'The logic of national policies for the promotion or regulation of agricultural production in Europe', 532-47, 572-3
 on human and animal populations in India, 92-93
 on the marketing of milk, 355-6
- Long, W. H., on training in agricultural economics, 325-6
- Loomis, C. P., on extension in agricultural economics, and the Inter-American Institute, 311-15
- Lowe, Y.:
 on agricultural development in under-developed countries, 154-6
 on government programmes in agriculture, 563-4
 on the land-tenure system in Israel, 247-8
- MacGregor, J. J., on employment policy, 445-7
- Malaya, agricultural and industrial production in, 142-3
- Markets and marketing, 197-8, 205 ff., 322, 347-65, 525
 agricultural resources and development of, 205-26
 economic and operational, 205
 generalizations on efficiency in, with special reference to milk, 347-65
 less developed countries and, 319
 national European policies regarding 535 ff.
 super-markets, 220-1, 225
 unified market for Europe, 545 ff., 564, 573
- Marriage, age and, 57
- Marshall Plan, the, 112, 129, 157
- Mathews, D. W. L., on milk marketing, 355
- Maulit, D. A., on price formulae in agriculture, 558
- Maxton, John, 240
 on agricultural economics, 279, 285
- Meidner, and wages and full employment, 438
- Mexico:
 Irrigation Programme for, 190
 Six-Year Plan in, 191-2
- Michigan State College, 1
- Middle East:
 cotton production and, 480
 land tenure in, 235-6
 undeveloped land in, 41-42
- Milk, 347 ff.
 marketing in Great Britain of, 347 ff., 557
 pasteurized, 348, 351
 price of, 348 ff., 383-4
- Milk Marketing Board, (Great Britain), the, 348 ff.
- Milthers, A., on land tenure in Denmark, 248-9
- Minderhoud, G., 'Economic problems in the integration of western European agriculture', 96-109, 116
- Missouri Balanced Farming Programme, 307
- Morales, J. O., 'Professional problems in agricultural economics: training agricultural economists', 270-8, 328-9
- Morrill or Land-Grant College Act, 2
- Mosher, Arthur S.:
 and farm production in India, 369
 on under-developed countries and technical assistance, 171-4
- Murray, W. G., on land valuation, 267-8
- Nanavati, Sir Manilal, 10

- Nash, E. F.:
 'World purchasing power in relation to food production', 496-514
 on agricultural prices in Great Britain, 384-5
- Natural Sciences, 322, 328, 411-12
- Nazario, L. A., on land classification, 268-9
- Netherlands, 101, 102, 107, 108
 agriculture in, 538-9
 international trade and, 457-8, 538-9
- Neumark, S. D., on development of resources and marketing of goods, 222-3
- New Zealand, export of agricultural products, 471 ff.
- Nigeria, agricultural development in, 147
- North America:
 crop output, 497-9
 export of agricultural products, 472
 world trade and, 224, 450 ff.
- Norton, L. J.:
 'The role of market development in the further utilization of agricultural resources', 205-17, 224-6
 on full employment, 447-8
 on rationalization system for milk, 363
- Notestein, Frank W.:
 'The economic aspects of food and agriculture', 13-31, 63-5
- Nourse, E. G.:
 'The ambivalent logic of agricultural control in the United States', 519-31, 574-7
 and policy in agriculture, 548
- Nutrition, 415-17, 428, 429
- Organization for European Economic Co-operation, *see* European Economic Co-operation
- Orlando, G., on the size of farms, 400-3
- Paiva, R. M., on capital formation in under-developed countries, 194-6
- Pakistan, 151, 236
 Colombo Plan and, 128
 F.A.O. and, 120
 Ford Foundation and, 131
- Paterson, R. G., on national policies in agriculture, especially in England, 557-8
- Peasant societies, population changes and economic development in, 15-16, 26-27
- Peasants, emancipation of, and land tenure, 227 ff.
- Peck, F. W., on problems in agricultural economics, 309-11
- Peru:
 agricultural and economic development in, 170-1, 183, 193
 international trade of, 485
- Philippines, the, 181
 food production in, 40
- Point IV, 45, 117, 120 ff., 134, 151, 159, 172, 173
- Population, 565
 density of, and agriculture, 68-69, 81, 104, 185, 474-5
 economic problems of change in, 13-31
 food crops and, 496 ff.
 food supplies and, 32, 43-46, 49 ff., 53-56, 569, 570
 growth in, 23, 59-61
 movements in, 48, 55
 national policies and, 533
 problems of dense areas of high fertility, 21-27
 table of density in certain countries, 80
 technology and, 18-19
- Prices, 89, 384, 465 ff., 479 ff., 491, 506 ff., 526, 527, 530-1, 543, 550 ff.
 national European policies regarding, 535 ff.
 price-control systems in under-developed countries, 386
 statistics and, 339-40
 trade and, 208, 216, 220
 U.S.A. agricultural, 36,
 wheat and, 459-60, 478-9, 482 ff., 542-3
 world food, index numbers of, 505
See also Milk: price of
- Production, agricultural, 52-53
 expansion of, 199
 food and, 444
 land reform and, 396-7, 399-400, 407
 national policies for the regulation in Europe of, 532-77
 three functions of, 369-71
 world needs and maladjustments in, 568-71
- Products, agricultural:
 imports and exports of, 470 ff.
 international trade and, 450-64, 465-95
 prices of farm products in Britain and the U.S.A., 463, 508-9
- Products, ratio of exchange between primary and manufactured, 506 ff.
- Puerto Rico, 167, 233, 268, 406
 population change in, and economics, 21
- Punjab, the, agriculture in, 145-6

- Purchasing power:
trade and, 61
world, 496-518
Purdue, farm planning project at, 307
- Raeburn, J. R.:
'Agricultural developments in the tropics and sub-tropics: ways and means', 134-48, 175-6
on government intervention in agricultural economics, 547-9
- Raw materials:
imports of, 517
markets and, 206 ff.
- Renne, R. R., on land tenure, 228
- Research in agricultural economics, 4, 273, 279-89, 293-4, 300 ff., 320, 327-8
administration and direction of, 284-9
demography and, 27-31
empirical and analytical methods, 282-3, 300-1, 315
financing of, 287-9
governments and, 323-4
research worker's liaison with the farmer, 308
sociology and, 309-14
- Rice, 141, 142, 570-1
- Richards, A. E.:
'Recent developments in international trade policy affecting agricultural products', 450-64
on wheat agreements and international trade, 494-5
- Rodriguez, P. L., on land reform, 406-7
- Rossi-Doria, M., on efficiency and welfare in agriculture, 374-5
- Rothkegel, Walter, and German land classification, 262
- Russia:
land-tenure policies in, 237 ff.
population and food supply increases, 38
- Saco, A., *see* Ezekiel, M., and Saco, A.
- Scandinavia:
agricultural marketing professorships in, 322
economic factors in agriculture in, 255-7
- Schmidt-Mortensen, Aage, 471
- Schmoller, Gustav, and land-tenure relationships, 228
- Schultz, T. W., 176, 177
'Agricultural efficiency and rural welfare', 366-74
on population growth, 159-61
- Schuman Plan, the, 106-7, 112, 570
S.C.I.P.A., 170
- Sen, S. R.:
'The problem of population and food supply in India', 66-82, 93-95
on agricultural development in the tropics, 152-4
on agricultural statistics in India, 344-6
on international commodity agreements, 486-91
on land reform problems in India, 403-5
- Sinclair, S., on international trade and agricultural policies, 481-4
- Social sciences, 85, 91, 309 ff., 313 ff., 410-29
- Sorbi, U., on land reform in Italy, 248-9
- Starc, A., on agricultural programme and conditions in Yugoslavia, 221-2
- Statistics:
administrative organization and, 331-3
advanced analyses, 340
agricultural, 330-46
centralized organization, 336
efficiency and economy in, 335-8
goodwill and, 334
inter-country differences in, 330-1
international comparability of, 339-40
mailed census, 336-7
public relations and, 333-5, 342
sampling, 338, 346
- Stein, Baron, and Prussian peasants, 227
- Stewart, C. L., on land-tenure systems and goals, 244-7
- Stine, O. C., on government intervention in agriculture, 558-60
- Straus, Michael W., on problems in the executing of programmes, 187-8
- Sturrock, F. G., on extension in agricultural economics, 304-8
- Sudan, Anglo-Egyptian, Gezira Scheme in, 144-5, 200
- Sugar, 564
international market and, 570
trade in, 545
- Sukhatme, Dr., and sampling methods in agriculture, 202
- Suomela, Samuli, and Finnish farming, 257, 266
- Sweden:
agricultural statistics in, 344
agriculture in, 540-1
farm labour in, 435
farm layout in, 255-6, 257
land-tenure policy in, 234-5
population and production in, 113
- Switzerland, 304
agriculture and trade in, 294, 541, 564-5
land classification in, 259, 260

- Taylor, Henry C., 230, 314
 Tea and the International Tea Agreement, 486-8
 Technical assistance, 119 ff., 154-6, 167 ff., 176, 321-2, 383-4, 568-9
 Tennessee Valley Authority, the, 128-9, 152, 160, 166, 176-7
 Thomas, A. S.:
 on agricultural development in Africa, 199-201
 Thomas, Edgar:
 'Research in agricultural economics', 279-89, 326-8
 Thompson, J. Murray, on action programmes in the U.S.A., 561-3
 Thomson, Procter, 'The productivity of the human agent in agriculture', 371
 Tofani, M., on agricultural economic studies, 315
 Torres, Colon:
 on suitable training for work in under-developed areas, 316-17, 328-9
 Trade unions and wage policy, 438
 Trade, international, 50, 51, 61-62, 63, 100-1, 119, 195, 203, 210-11, 212, 213-14, 220-1, 224, 447, 453, 493-4
 agricultural products and, 450-64, 465-95
 changes in, 480, 483
 development of markets, 215-17
 directions and extent of, 470 ff.
 Europe and, 115
 export subsidies, 455-6
 factors in, 467-70, 473, 484-6
 fluctuations in, 214-15
 foodstuffs and, 500-1
 general agreement on tariffs and trade, 454 ff., 492
 grains and, 472-3
 import and export restrictions, 456-8
 industrial products and raw materials and, 475
 International Commodity Agreements, 486-91, 494
 long-term contracts and, 462-3, 468-70
 payments difficulties, 457
 policy and progress in, 479-80
 quantitative restrictions and, 468
 sugar and, 545
 table of world, 451
 tables of, 451, 471, 472, 473, 476, 477
 Three-Country Meat Agreement, 462
 Triangular Grain Deal, 464
 United States policy and, 553-5
 western Europe and, 98 ff., 450
 Transport, 161-4, 191-2, 201
 Tropics and sub-tropics, agricultural development in, 134-80
 Turkey, 11, 181
 agriculture in, 537
 Under-developed countries, 41-42, 124 ff., 154-6, 164, 172, 178-9, 181-204, 212, 223-4, 231-2, 318-22, 368, 386 *et passim*
 agricultural programmes in, 181-204
 capital and, 194-6; *see also under* Capital
 industry and, 61-62
 labour and, 185
 land reform and, 388, 405-6
 social sciences and, 317-18, 328
 technical assistance to, 568-9
 training for work in, 316-17, 328-9
 Undeveloped countries:
 agricultural economy in, 317-22
 United Nations, the, 3, 169 *et passim*
 Conference on Food and Agriculture (1943), 127
 Economic and Social Council of, 231, 233
 full employment, 430 ff., 444, 447
 world trade and, 453
 United Nations Food and Agriculture Organization, *see* F.A.O.
 Unemployment in the 1930's, 8-9; *see also* Employment
 United States, the, 60, 90, 110, 149, 161, 204, 206, 209, 213, 214, 215, 226, 387-8, 547, 553 *et passim*
 action programmes for agriculture in, 561-3
 agricultural control in, 519 ff., 571
 agricultural efficiency in, 370, 380, 565-7
 agricultural statistics in, 338, 342
 capital investment abroad of, 224, 226
 colleges of agriculture, 2, 316
 Commodity Credit Corporation, 36
 education in, 292, 299
 extension in agricultural economics in, 123, 159, 304 ff.
 food prices, index numbers of, 505
 land tenure in, 233, 243-4
 marketing of milk in, 347 ff.
 national income, 382
 population and food supply increases, 37, 54-55
 prices in, 36, 384, 463, 508-9
 recent history of American agriculture, 524 ff.
 trade, international and, 210-11, 450, 451, 453, 474, 485, 553-5
 undeveloped countries and, 147-8
 wheat price in, 483
 Uruguay, 126, 182

- Venezuela:
 agricultural production plan in, 193
 United States, investment in, 226
- Vries, E. de:
 on agricultural planning and technical experts, 196-9
 on food supplies and population in Indonesia, 56-57
 on integration in Europe, 115-16
 on investment and technical assistance, 167-70
- Wage policy, 437-8, 444-5
- Warren, G. F., and government intervention in agriculture, 548
- Welfare:
 agricultural efficiency and rural, 366-86
 international trade and human, 492-4
 meaning of term, 378
 social sciences and rural, 410-24, 428-9
- Westermarck, N.:
 'Economic problems in the classification of land', 252-64, 269
 on the role of agricultural economists, 322
- Wheat, 464, 494, 508
 International Wheat Agreement, 459 ff., 482, 483, 488-9, 492
 prices of, *see* Prices: wheat
- Wickman, and wages and full employment, 438
- Witt, L. W., on agricultural policies and programmes, 549-52
- Working, E. J., 442
- World Food Board, the, 119, 149, 490
- World Land Tenure Problems, Conference on, 231, 232-3, 244
- Wright, Karl T., on agricultural economists, 290
- Wright, Margaret, on the British ageing population and British health service, 57-59
- Young, E. C., 4-5, 11
 on rural welfare and social sciences, 424-7
- Yugoslavia, agriculture and industry in, 221-2