

# Index

- Ackerman, J., 34
- Adjustments  
  agricultural, 178-88  
  enterprise, 184
- Aggregations, 248-49
- Agricultural adjustments, 178-88
- Agricultural credit, 95-96, 264-68  
  extension, 45  
  practices, 220-25
- Agricultural finance, 390
- Agricultural growth  
  and capital formation, 163-66  
  national, 4-11
- Agricultural inputs, 129  
  and farm operator, 7  
  indices of, 6
- Agricultural regions, 177-91
- Agriculture  
  assets used in, 110, 115-18  
  Balance Sheet of, 40-42, 215  
  changes in, and risk, 244-46  
  commercial, 225-29, 247-54  
  and economic growth, 321-25  
  and education, 327-34  
  employment in, 321, 324  
  financing, 225-29  
  inputs used in, 109  
  nonreal estate credit to, 91-94
- Alfaro, G., 33
- Amortization, partial, 227, 242-43
- Asset and debt structure, 133
- Asset formation, 393
- Asset position, 131-32
- Assets  
  average productivity of, 110  
  capital, 131-40  
  productive, 105-12, 115-18  
  real estate, 114-16  
  structural change in, 142  
  value of farm, 26, 126
- Atkinson, J. H., 221
- Aull, G. H., 282
- Ayer, A. J., 275
- B
- Bachman, K. L., 3-18, 119
- Back, W. B., 349-62
- Baier, K., 278
- Baker, C. B., 79, 363-78
- Balance Sheet of Agriculture, 40-42, 215
- Bank lending, 47
- Banking, 254
- Banks  
  commercial, 259, 264-68  
  for cooperatives, 261  
  country national, 48  
  credit, 261  
  Federal Land, 45-46, 260  
  Federal Intermediate Credit, 47  
  as lenders, 370
- Barch, T. A., 345
- Barton, G. T., 6, 7, 103-23
- Baughman, E. T., 204-14
- Baum, E. L., 3-18, 33, 324, 342
- Bausman, R. O., 151
- Beal, G. M., 291-302
- Belcher, O. D., 382
- Benedict, M. R., 281, 283, 284
- Bevins, R. J., 35
- Bishop, C. E., 36-37, 97-98, 234, 398
- Bivens, G. E., 301, 302
- Blackmore, J., 145-46, 189-90
- Blanchard, R. E., 316
- Bohlen, J. M., 291-302
- Borrowing limits, 372
- Boulding, K., 276, 283
- Bowles, G. K., 330
- Brewster, J. M., 17, 168
- Brinegar, G. K., 39-60
- Broilers, 152-53
- Butz, E. L., 282
- C
- Campbell, L., 300
- Capital  
  available to agriculture, 44

- Capital (continued)
- and contract farming, 148-49, 156-57
  - credit and social, 94-95
  - definition of, 19-22, 394-99
  - and education, 337-46
  - equity, 249-50
  - and farm family, 163-76
  - farm use of, 124-26
  - and farm worker, 31
  - growth of, 338-40
  - and industry, 53-54
  - invested in agriculture, 42
  - investment in people, 51-52
  - and land tenure, 166-70
  - for low-income farms, 230-39
  - market value of, 188
  - private, 66-79
  - and production, 19-21
  - productivity of, 187-88
  - public, 62-66
  - from rental agreements, 49-50
  - research on, 389-99
  - from retained earnings, 50
  - risk, 227-28
  - saved from consumption, 21
  - sources of, 25-35, 41-44
  - suppliers of, 44-50
  - supply of, 41-44, 70-71
  - trends in, 81-100
  - and value-space, 357-58
- Capital assets, 131-40
- Capital demand, 143-44
- Capital expansion
- and contracts, 148-49
  - reasons for, 149-50
  - and uncertainty, 151-53
- Capital formation, 19-37, 81-94, 163-66, 170-75
- changing composition of, 27-28
  - and inflation, 25-26
  - by inheritance, 25
  - and land grants, 26-27
  - research, 25
  - and technology, 25
- Capital-income coefficients, 116-19
- Capital institutions, 143-44
- Capital investment
- on farms, 12
  - in human resource, 318-36
  - measures of, 113, 119-20
- Capital-labor coefficients, 116-19
- Capital limitations, 132-36
- Capital market
- adequacy of, 50-55
  - imperfections in, 153-54
  - structure of, 39-60
- Capital needs, 39, 41
- of agricultural industry, 54-55
  - community, 53-54
  - for food and fiber, 54-55
- Capital productivity, 61-80
- Capital services, 77
- Capital structure, 103-23
- Capital supply, 42-44
- Capital use, 103-8, 349-62
- improving, 359-60
  - by low-income farmers, 230-39
  - in regions, 177-91
- Capital values of farms, 8
- Catton, W. R., Jr., 349
- Christensen, R. P., 379
- Clague, E., 324
- Cohen, M. R., 277
- Commercial farmers, 343
- Commodity Credit Corporation, 47-49
- Community resource development, 53
- Contract farming, 154-60
- Contracts and capital expansion, 148-49
- Cooperative farm credit system, 259-60
- Cooperatives, banks for, 261
- Corpening, W. A., 316-17
- Coutu, A. J., 303-17, 398
- Credit
- adequacy of, 230-39, 240-42, 255-56, 392-93
  - agricultural, 95-96
  - and commercial agriculture, 247-54
  - cooperative system of, 259-60
  - and deficit areas, 251-52
  - definition of, 247
  - demand for, 204-7
  - and education, 340-44
  - extension of, 45
  - farm mortgage, 83-91
  - and farm reorganization, 311-14
  - and farmer characteristics, 383
  - farmers' attitudes toward, 303-17
  - farmers' use of, 380-82
  - for fertilizer purchase, 379-88
  - formation of, 81-94
  - general problem, 264-65
  - history of, 279-88
  - and interest rates, 381-82
  - and labor exodus, 310-11
  - low cost, 202-3
  - and noncredit groups, 382
  - nonreal estate, 91-94
  - operating, 196
  - package, 243-44

Credit (continued)  
 and policy issues, 303-4  
 postwar, 209-10  
 prospective, 211-14  
 research on, 389-99  
 and sociological factors, 291-302  
 sources of, 380-81  
 suppliers of, 44-49  
 and surplus areas, 251-52  
 trends in, 81-100

Credit adequacy, 392-93  
 agricultural, 255-56  
 for low-income farms, 230-39  
 structural, 255-68  
 supply of, 240-42

Credit agencies, 384-86

Credit banks, 261

Credit climate, 216-17

Credit counseling, 244

Credit institutions, 195-203, 215-29

Credit machinery, 207-9

Credit market, 215-29

Credit needs  
 changes in, 265-66  
 and lenders, 240-46

Credit policy, design of, 309-14

Credit practices, 220-25  
 intermediate-term, 221-24  
 long-term, 224-25  
 short-term operating, 220-21

Credit principles, 216-17

Credit problems  
 and policy decisions, 287-88  
 procedures in studying, 288-90  
 solution of, 272-90

Credit program, 226-27

Credit ratings, 386

Credit services, 242-44, 252-54

Credit structure, 255-68

Credit supplies, 204-14

Credit terms and practices, 385-86

## D

Daly, R. F., 119

Darr, R. A., 345-46

Debt  
 farm, 85-88, 209  
 nonreal estate, 186-87  
 outstanding by lenders, 229  
 structure of, 133

Decision-making, 314

Decision process, 349-62

Depression, profit, 132-36

Dewey, J., 277

Diesslin, H. G., 10, 215-29

Doll, R. J., 122-23, 189, 190-91

Dorner, P., 335

Duggan, I. W., 56-58

## E

Economic growth, 13-17, 219-25  
 and farm size adjustment, 11-13  
 problem, 3-18

Economies, cost of, 136-40

Edel, A., 273, 278

Education, 13-17, 327-34  
 and capital, 337-46  
 and credit, 343-44  
 and farm operators, 328, 340  
 and income, 331  
 for low-income farmers, 340-43  
 and race, 333  
 and vocational training, 334

Edwards, P., 273, 278

Ellis, T. H., 234

Employment  
 in agriculture, 321, 324  
 and economic growth, 319-21  
 by occupational groups and sex, 323, 329

Engberg, R. C., 33, 240-46

Equity measures, 235-38

Estate planning, 250-51

Ewing, A. G., 275

## F

Family, farm living expenditures, 173

Fanning, J. W., 337-46

Farm  
 assets of, 26  
 capital, 25-31, 163-76, 349-62  
 capital values of, 8  
 commercial and noncommercial, 219  
 comparison of inputs, 127  
 cooperative credit system, 259-60  
 debt, 209  
 family expenditures, 173  
 family-operated, 9  
 high-income, 306-7  
 income, 78  
 industry, 126-31  
 labor, 109, 111  
 land, substituted, 109  
 loan requests, 369  
 low-income, 230-39, 305-6, 365  
 management, 245-46  
 medium-income, 306-7  
 mortgage, 83-91, 199, 201  
 operator education, 328

- Farm (continued)  
 operator and inputs, 7  
 production and family expenditures, 173  
 reorganization of, 311-14  
 size of, 11-13, 142  
 trends in types and location, 129-31  
 use of capital on, 124-46  
 worker and income, 31
- Farm credit institutions, 195-203  
 for operating credit, 195-99  
 real estate, 199-201
- Farm-firm  
 capital demand, 143-44  
 needs, 50-51
- Farmer  
 attitudes, 303-17  
 capital sources for, 29-35  
 commercial, 343  
 and credit, 380-83, 386  
 income levels, 365  
 loan limits, 368  
 low-income, 230-39, 340-43  
 values, 13-17
- Farmers Home Administration, 47-49, 259
- Farming  
 contracts, 157-60  
 low productivity, 394-96
- Federal Intermediate Credit Banks, 47
- Federal Land Banks, 45-46, 260  
 and loss rates, 46
- Federal Reserve Board, 393
- Fertilizer and credit, 379-88
- Fertilizer dealers, 384-86
- Financing, future, 256-59
- Foreman, W. J., 78
- Future financing, 256-59
- G
- Galbraith, J. K., 325, 338
- Gans, A. R., 282
- Garfenkle, S., 330
- Gibson, W. L., 393
- Ginzberg, E., 318, 325, 326
- Goodman, J. G., 234
- Government, local, 53
- H
- Halcrow, H. G., 46
- Hamilton, C. H., 330
- Hansing, F. D., 151
- Harris, M., 34
- Hathaway, D. E., 81-100
- Haver, C. B., 138
- Heady, E. O., 10, 75, 77, 78, 124-46, 234
- Hedrick, J. L., 393
- Heitz, Glenn E., 37-38, 98-100
- Henderson, H. A., 336
- Hendrix, W. E., 34, 69, 76, 78, 230-39, 320, 341
- Hesser, L. F., 315
- Hibbard, B. H., 26
- Hill, F. F., 282
- Holm, P. L., 344-45
- Hopkin, J. A., 247-54
- Human resources, 64-65, 318-36
- Hurt, V. G., 349-62
- I
- Income  
 data for, 31, 217-19, 230-39  
 and education, 331  
 levels of, 365  
 low, 340-43
- Industry, farm, 126-31
- Input indices, 137
- Inputs, 129, 141  
 average productivity of, 110  
 and capital assets, 131-40  
 comparison of, 127  
 nonfarm, substitution of, 109-12  
 optimal, 366  
 and productive assets, 108-12  
 used in agriculture, 109
- Insurance, life, 46-47
- Integration, vertical, 147-48
- Interest rates, 381-82
- Investment, 24  
 capital, 113, 119, 120  
 decisions of, 359-60  
 in human resources, 42, 51-52, 64-65  
 processes of, 163-76
- Irwin, G. D., 363-78
- J
- Jacoby, N. H., 46
- James, B. R., 247
- James, M., 247
- Janssen, M. R., 315-16
- Jennings, R. D., 157
- Jensen, H. R., 10
- Johnson, G., 289
- Johnson, G. L., 10, 73, 271-90
- Johnson, O. A., 278
- Johnson, S. E., 10
- Jones, L. A., 30, 147-62

## K

- Kalecki, M., 368
- Kanel, D., 32, 33
- Kern, E. E., 231, 233
- Knight, F. H., 289
- Kreider, L. E., 78, 221
- Krenz, R. D., 138
- Kuznets, S., 168, 169

## L

- Labor
  - balanced with other resources, 238-39
  - capacities of low-income farmers, 232-33
  - exodus of, 310-11
- Labor force, 322
- Land

- marginal productivity of, 77
    - qualities of, and debt, 245
    - tenure of, 166-70
  - Land Bank loss rates, 46
  - Lanham, B. T., Jr., 230-39
  - Leftwick, R. H., 27
  - Lender
    - credit extension by, 45
    - and credit needs, 240-46
    - debt outstanding by, 229
    - loan limits, 368-69
    - problems of, 242-46
    - specialized, and contract farming, 154-56
    - types of, 370, 372
  - Lending institutions, 364
  - Linder, C. H., 318
  - Lindsey, Q. W., 303-17, 398
  - Loan limits, 367-75
  - Loan requests, 369
  - Loan service, 201-2
  - Loans, 47, 84, 89, 91, 92, 197, 198, 212, 220-28
    - classes of, 373
    - and productivity estimates, 376
    - use of, 372
  - Long, E. J., 335
  - Loomis, R. A., 6
- M
- McAllister, W. T., 151
  - McArthur, W. C., 340
  - McCormick, E. J., 316
  - McElveen, J. V., 11
  - McKee, D., 138
  - Mackie, A. B., 16, 33, 318-36, 342

- Madden, E. H., 278
- Maier, F. H., 393
- Management, 245-46
- Marginal productivity, 77
- Market
  - capital, imperfections in, 153-54
  - credit, 215-29
- Marketing firm needs, 52
- Martin, L. R., 61-80, 326, 327, 398
- Mather, J. W., 160-62
- Mighell, R. L., 147-62
- Miller, B. R., 159
- Miller, H. P., 330
- Moore, G. E., 275
- Mortgage, farm, 199
  - open end, 243
- Muck, R. J., 379
- Murray, W. G., 195-203, 282

## N

- National agricultural growth, 4-11
- National banks, 48
- Nicholls, W. H., 34
- Nonreal estate
  - credit, 91-94
  - debt, 186-87
  - loans, 91-92
- Norman, E. M., 361, 377-78
- North, D. C., 165

## O

- Output
  - indices, 137
  - and productive assets, 108-12

## P

- Parsons, K. H., 33, 282
- Partenheimer, E. J., 234
- Penn, R. J., 33
- Perry, R. B., 277
- Price indices, 141
- Prices, factor, 140-42
- Private capital, 66-79
- Product price, 131
- Production Credit Associations, 47, 48, 197, 198, 261-62
- Productivity estimates, 365-66, 363-78
- Profit depression, 132-36
- Projections, 391-92
- Public capital, 62-66

## R

- Race and education, 333
- Raup, P. M., 33, 163-76

- Real estate  
 assets, 114-16  
 mortgage debt, 185-86  
 Redman, J. C., 177-91  
 Regional differences in tenure,  
 170-75  
 Regions, agricultural, 177-91  
 Rental agreements, 49-50  
 Research, 96, 389-99  
 Resource  
 adjustments in organization,  
 178-83  
 price, 131  
 productivity, 72, 74  
 quantities, 375  
 returns, 74  
 Resources  
 human, 64-65  
 financing limits for, 363-78  
 Risk, 244-46, 298-302  
 Robbins, L., 276  
 Rostow, W. W., 165  
 Rowe, J. Z., 187  
 Roy, P., 158  
 Ruttan, V. W., 29
- S
- Samuelson, P. A., 61  
 Santayana, G., 277  
 Saulnier, R. J., 46, 47, 48, 282  
 Saunders, F. B., 340  
 Savings, 32  
 availability of, 23  
 process, 22  
 Scale returns, 136-40  
 Scheid, P. N., 318  
 Scholl, W., 180  
 Schultz, T. W., 338  
 Schweiger, I., 43  
 Scofield, W. H., 103-23, 188  
 Scott, A., 166  
 Shaw, R., 75, 77  
 Shepardson, C. N., 264-68  
 Simon, H. A., 358  
 Singh, H. S., 73, 398  
 Smith, J., 289  
 Southern, J. H., 78, 231, 232, 341  
 Southern agriculture, 16-18, 112-19  
 Spitze, R. G. F., 19-37  
 Staniforth, S. D., 58-60, 79-80  
 Statistics, need of, 96  
 Stoevener, H. H., 79  
 Strand, E. G., 234  
 Substitution rates, 140-42  
 Sutherland, J. G., 234
- Swanson, E. R., 78
- T
- Taylor, C. C., 345  
 Technology  
 and changes, 103-23  
 and earning capacity, 217-19  
 need for new, 54  
 Tenure  
 land, 166-70  
 regional differences in, 170-75  
 Thomas, D. W., 316  
 Thompson, L. E., 68  
 Tolley, G. S., 389-99  
 Tootell, R. B., 255-63  
 Tostlebe, A. S., 17, 26, 27, 32  
 Toulmin, S. E., 278  
 Trust management, 250-51
- U
- Unit act, 293  
 Urbanization, 175-76  
 Use rates for resources, 367  
 Utility processes, 349-51
- V
- Value-space, 349-62  
 Values  
 and agricultural economists, 286-87  
 assumptions of, 272-78  
 and attitudes, 295-98  
 concepts of, 273-74, 283-85  
 distinctions, 278-79  
 knowledge of, 272-78  
 and social scientists, 285-86  
 Venezian, E. L., 301  
 Vertical integration, 147-48  
 Vocational training, 334
- W
- Walkup, H. G., 361-62, 387-88  
 Wetmore, J. M., 204-14  
 Wharton, B. L. S., 43  
 Whatley, T. J., 335-36  
 Wheeler, R. G., 234  
 White, M., 159  
 Will, F. L., 273  
 Woodworth, R. C., 337-46
- Y
- Yeager, J. H., 379-88
- Z
- Zerby, L. K., 271-90