Abbe, Leslie M., 310
Abel, Martin E., 111
Ackerman, Joseph, 350–67
Acreage reduction, 10
Acreage Reserve, 342
Adjustment, economic
need for, 76–77
programs, 19–20
progress in, 77–78
rural human resources, 360–84
Advertising, 107–9
Agribusiness, 230
defined, 14
opportunities, 282–84
Agricultural adjustment
farm supply, 229–59
government programs, 337–49
marketing, 229–59
problems of, 75
programs to facilitate, 346–48
Agricultural colleges, 354–59.
See also Land-grant colleges curricula, 355–56
general education, 354–55
requirements, 356
teachers, 359
Agricultural education, 20–21, 75
new programs, 354
Agricultural production
balance with consumption, 146–49
increase by product, 9
increase per man-hour, 9
new technology, 11
outlook, 10
Agricultural research, 20–21
Agriculture
adjustment problems, 2
changes, 1
defined, 352–53
new technology, 4
policies, 3, 38
problems facing, 2
trends and adjustments, 1–21
Aid to needy, 110
Alcohol, 113
Animal units, 173–78
Assets, physical farm value of, 136
Automobile, 134
B
Baney, Anna M., 310
Barton, Glen T., 232
Baum, E. L., 237
Baumann, Ross V., 148–65
Beal, George M., 293
Beale, Calvin L., 260–84
Beef cattle, 172
Benedict, M. R., 140
Berle, Adolph, Jr., 228
Bird, F. L., 322
Black, John D., 127
Blue Cross, 311
Blue Shield, 311
Bonne, James T., 125–51
Brandow, George E., 337–49
Brandt, Karl, 22–54
Brenskike, John V., 234
Brewster, John M., 196–228
Brown, W. H., 256
Bultena, Louis, 307
Bush, Vannevar, 297
C
Capital, 210–17
assets, 212–13
farm, 196–228
Carryover stocks, 139–43
Cattle feeding, 185–88
Christensen, Raymond P., 148, 165
Churches, rural, 304–8
  adjustment problems, 17, 308
  membership, 305–7
  number, 304
  reorganization, 305–6
  sects, 307
Clawson, Marion, 317
Clements, S. L., 237
Cochrane, Willard W., 111
Colleges. See Agricultural colleges; Land-grant colleges
Commodity Credit Corporation, 143–46, 149
Commodity promotion, 107–9
Communities
  changing times, 295–97
  declining, 293–94
  expanding, 294
  development, 363
  interdependence, trend to, 287–89
  organization, 333–34
  rural, 16–19, 290–93. See also Rural community
    schools in expanding, 302
  stable, 295
Conservation, 163
Conservation Reserve Program, 10, 156, 342
Consumer price index, 103
Consumer wants, 61
Contingency reserve, 157–66
Cooperatives
  farm, 15
  sales to farmers, 240
Corporations, farm, 13, 221–23
Cost-price squeeze, 5, 61
Counseling, family, 316
Credit policies, 37
Crop production, 10–12, 152–70
  acres harvested, 10
  increasing, 163–65
  land available for, 10
  per acre, 161–62
  prospective, 165
  recent, 165
Cropland
  abandoned, 156
  acres harvested, 133
  uses of, 158–61
Cultivated land, ownership of, 10

D
Daly, Rex F., 148, 232
Davis, John H., 223, 233
Demand
  at farm price level, 100–106
  curve, 89
  income elasticity of, 98–99
  price elasticity of, 89
  programs to expand, 340–41
Demand-expanding programs, 7
Diet deficiencies, program to cut, 111–12
Direct payment, 344–45
Dollar, stability of, 36
Durost, Donald D., 162

E
Economic adjustment
  needs for, 76–77
  progress in, 77–78
Economic growth, 22–54
  agriculture’s role in, 23–26
  characteristics of, 40–42
  concept of, 26–28
  conditions favoring, 34–38
  conditions harmful to, 38–40
  defined, 27
  factors of, 28–33
  forecast, 50
  historical rate of, 46–50
  measurement of, 43–46
  monopoly, 40
  nonfarming activities, 24
  problems of, 61–63
Economic progress, 26, 70–72
  effect on farmers, 72–75
  national effect, 72–75
Economy, U.S., annual changes in, 47
Education, 164. See also Agricultural education; Schools agricultural, 20–21, 365–67
changes in, 350–67
opportunity for, 303
Elasticities
high income, 61
low income, 61
Employment
farm, 53
nonfarm, 53
outlook, 52
Employment Act of 1946, 35
Engle’s Law, 25
Equity, 224–27
Exports
agricultural, U.S., 8
commodity composition of, 118
outlook, 121–22
two-price plan, 345
value and volume of, 115
Extension service, 21, 359–64
F
Facilities, rural community, 298
Family farm, 132
advantages of, 13
changes in, 82–84
concept, 197–203
contract farming, 199
defined, 13
development of, 201
size, 203
subsistence, 200
tenancy, 199
Farm Bureau, 311
Farm capital, 13
Farm crops, 137
Farm and Home Development, 363
Farm income, 8, 69–70
programs to improve, 338–46
range, 80–82
Farm labor. See also Labor force, farm
decrease of, 68–69
mobility of, 68, 82, 131
off-farm work, 132
prices paid for, 5
problems of, 78
reduction in, 130–35
relocation problems, 6
trends in hired, 267–68
Farm machinery, 235–37
Farm marketing firms, 14–16
Farm migration
extent of, 269–70
motivations, 273–74
patterns of, 270–75
Farm population, 48
number, 16
opportunities for, 275–77
rural-nonfarm, 16
Farm problem, nature of, 4–6, 55–84
Farm production, 127–38. See also Production, farm
foreign, 116
impact of technology on, 146–47
indices of, 67
marketing, 245–53
total resources used, 161
trends, 159
utilization of, 87–91
Farm productivity, 136
Farm products
carryover of, 122
changes in use of, 89
demand for, 7–9, 85–124
domestic uses of, 87–88
foreign utilization of, 114–22
growth of market for, 25
increases in, 129
large-scale buyers, 253–55
nonfood use of, 112–14
production change, 130
production index, 128
supplies of, 9–10
U.S. supply of, 125–51
Farm resource organization, 78–80
Farm size, 13–14, 196–228
changes in, 132–33
economies of, 208–10
Farm supply firms, 14–16, 203–4, 251–53
Farm surplus
problems of, 122–23
size of, 139
utilization of, 117
Farm workers, number of, 48
Farm youth
advice for, 283–84
opportunities for, 278
Farmers
management ability of, 11
opportunities for, 277
problems of, 57–58
Farming
competitive nature of, 57, 66
contributions of, 3, 77
economic progress, 3–4
nature of, 66
part-time, 82
Farms
economic class of, 81, 204–5
large scale, changes in, 82–84
migration from, 16
number of, 48
Father-son agreement, 221
Federal marketing orders, 345
Federal Urban Area Assistance programs, 42
Feed efficiency, 184–88
Feed industry, 234–35
Fellows, I. F., 209
Fertilizer, 162
changes in technology, 15
nitrogen, 15
use of, 133, 237–38
Fixed costs, 59–60
Fixed resources, 58–61
Food
consumption index, 94
consumption trends, 100
domestic consumption increase, 92–93
expanding demand for, 106–12
factors affecting use, 91–100
marketing costs, 104
marketing margins for, 100–106
per capita consumption, 95
prices, 102–6
world surveys, 116
Food and Agriculture Organization, 115
Food habits, 95
Food stamp plan, 110–11
Foreign Agricultural Service, 115
Foreign trade, 37
Forests, 10
Fox, Karl A., 85–124, 140
Frick, G. E., 209

G

Galbraith, John K., 127
Gaumnitz, Walter H., 299, 300–301
Goldberg, Ray A., 223, 233
Government
intervention, 39
local, 18, 329–33
programs, 337–49
responsibility of, 36
Grange, 311, 318
Grassland, 156
Gross national product, 44–45, 50
real, 46–47
Grove, Ernest, 225

H

Hathaway, Dale E., 143
Haver, C. B., 209
Hay, Donald G., 311
Heady, Earl O., 55–84, 209
Health, facilities for, 30
Hepple, Lawrence M., 306
High fixed costs, 5
Hill-Burton Act, 309
Hoffsommer, Harold, 306
Hoge, V. M., 310
Holm, Paul L., 226
Holmes, Emma G., 317
Hopkin, John A., 189
Hospitals, 309–10
federal aid for, 18
Human resources. See Resources, human
<table>
<thead>
<tr>
<th>INDEX</th>
<th>373</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hurlburt, Virgil L.,</strong> 220</td>
<td><strong>Machinery, farm, 235–37</strong></td>
</tr>
<tr>
<td><strong>Huxley, T. H.,</strong> 359</td>
<td><strong>McKee, Dean E.,</strong> 209</td>
</tr>
<tr>
<td><strong>Hybrid seed corn, 163</strong></td>
<td><strong>Management, 164</strong></td>
</tr>
<tr>
<td></td>
<td><strong>requirements for, 11</strong></td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td><strong>Manny, Elsie S.,</strong> 310</td>
</tr>
<tr>
<td>elasticity, 25</td>
<td><strong>Market quotas, 19</strong></td>
</tr>
<tr>
<td>farm, 56</td>
<td><strong>Marketing, 240–45</strong></td>
</tr>
<tr>
<td>government programs, 19</td>
<td><strong>agreements, 345</strong></td>
</tr>
<tr>
<td>increase in personal, 8</td>
<td><strong>assembly, 251</strong></td>
</tr>
<tr>
<td>nonfarm, 56</td>
<td><strong>channels, 245–47</strong></td>
</tr>
<tr>
<td>range of farm, 80–82</td>
<td><strong>firm adjustment, 363</strong></td>
</tr>
<tr>
<td>real U.S., 93</td>
<td><strong>Land</strong></td>
</tr>
<tr>
<td><strong>Industrial Conference Board, 297</strong></td>
<td>available agricultural, 152</td>
</tr>
<tr>
<td><strong>Industrial Revolution, 138</strong></td>
<td>major uses of, 153–54</td>
</tr>
<tr>
<td><strong>Industry, off-farm, 223</strong></td>
<td>special-use areas, 155</td>
</tr>
<tr>
<td><strong>Inflation, 39</strong></td>
<td><strong>Land-grant college, 20–21, 351</strong></td>
</tr>
<tr>
<td><strong>Integration, agricultural, 15</strong></td>
<td><strong>Land retirement, 19</strong></td>
</tr>
<tr>
<td><strong>Investment, 214</strong></td>
<td><strong>Land tenure, 13</strong></td>
</tr>
<tr>
<td><strong>Irrigation, 162</strong></td>
<td><strong>Land use, 152–70</strong></td>
</tr>
<tr>
<td></td>
<td>desirable patterns of, 11</td>
</tr>
<tr>
<td></td>
<td>future problems in, 166–70</td>
</tr>
<tr>
<td><strong>James, H. Brooks, 350–67</strong></td>
<td><strong>Landis, Benson Y.,</strong> 304</td>
</tr>
<tr>
<td><strong>Jefferson, Thomas, 200–201</strong></td>
<td><strong>Larson, Olaf F.,</strong> 285–336</td>
</tr>
<tr>
<td><strong>Jeter, Helen R., 316</strong></td>
<td><strong>Learn, Elmer, W.,</strong> 111</td>
</tr>
<tr>
<td><strong>Johnson, Glenn L., 127</strong></td>
<td><strong>Leases, 218–20</strong></td>
</tr>
<tr>
<td><strong>Johnson, I. J., 114</strong></td>
<td><strong>Libraries, rural, 317–18</strong></td>
</tr>
<tr>
<td><strong>Johnson, Sherman E., 148, 152–70</strong></td>
<td><strong>Livestock, on U.S. farms, 172</strong></td>
</tr>
<tr>
<td><strong>Jones, L. A., 224</strong></td>
<td><strong>Livestock feeding, 190</strong></td>
</tr>
<tr>
<td><strong>K</strong></td>
<td><strong>Livestock production, 12, 137, 171–95</strong></td>
</tr>
<tr>
<td><strong>Kiehl, Elmer R., 171–95</strong></td>
<td>adjustments in, 193</td>
</tr>
<tr>
<td><strong>Kolb, John H., 287–88</strong></td>
<td>competition in, 192</td>
</tr>
<tr>
<td><strong>Korean War, 143, 149</strong></td>
<td>disease control, 191</td>
</tr>
<tr>
<td></td>
<td>increase in, 12</td>
</tr>
<tr>
<td><strong>L</strong></td>
<td>location, 188</td>
</tr>
<tr>
<td><strong>Labor force</strong></td>
<td>measures of, 173–78</td>
</tr>
<tr>
<td>concept of, 29</td>
<td>quality, 191–92</td>
</tr>
<tr>
<td>contribution of farms, 72</td>
<td>systems of, 178–80</td>
</tr>
<tr>
<td>distribution of, 74</td>
<td>unit size, 189–92</td>
</tr>
<tr>
<td>education of, 30</td>
<td><strong>Loans, 239–40</strong></td>
</tr>
<tr>
<td>effect of surplus on, 69–70</td>
<td><strong>Lutz, E. A.,</strong> 285–336</td>
</tr>
<tr>
<td>employment statistics, 43</td>
<td><strong>Machinery, farm, 235–37</strong></td>
</tr>
<tr>
<td>farm, 48</td>
<td><strong>McKee, Dean E.,</strong> 209</td>
</tr>
<tr>
<td>food for, 30</td>
<td><strong>Management, 164</strong></td>
</tr>
<tr>
<td>migration of, 40, 43</td>
<td><strong>requirements for, 11</strong></td>
</tr>
<tr>
<td>mobility of, 40</td>
<td><strong>Manny, Elsie S.,</strong> 310</td>
</tr>
<tr>
<td>native ability of, 30</td>
<td><strong>Market quotas, 19</strong></td>
</tr>
<tr>
<td>projection, 278–79</td>
<td><strong>Marketing, 240–45</strong></td>
</tr>
<tr>
<td>total U.S., 48</td>
<td><strong>agreements, 345</strong></td>
</tr>
<tr>
<td>working capacity of, 29</td>
<td><strong>assembly, 251</strong></td>
</tr>
<tr>
<td>young people in, 51</td>
<td><strong>channels, 245–47</strong></td>
</tr>
<tr>
<td><strong>Lagewski, Henry C., 316</strong></td>
<td><strong>firm adjustment, 363</strong></td>
</tr>
</tbody>
</table>
Marketing (Cont.)
   firms, 14–16, 247
   labor used in, 243–45
   margins for food, 100–106
   processing, 250–51
   retailing, 247–48
   wholesaling, 249–50
Mason, John M., 359
Mayo, Selz C., 311
Mechanization, 164
Medical care, 18
Medical service, 309–14
   adjustments in rural, 313–14
Mental health, 312
Mighell, R. L., 224
Migration. See Farm migration
Miller, Walter G., 224
Monetary policies, 37
Mosher, M. L., 209
Moulton, H. G., 202
N
National diet, shifts in, 12
National Institute of Animal Agriculture, 194
Neighborhood, 288
Nelson, Lowry, 300
Nesius, Ernest, 277
Net national product, 45
Nikolitch, Radoje, 206
Nonfoods, 112–14
Nutrition, 30
O
Occupational opportunities, 279–81
Off-farm employment, 264–65
   opportunities for, 281–82
Ogren, Kenneth E., 229–59
Output, farm, 46, 64, 128
Overproduction, 5
P
Part-time farming, 82
Partnerships, farm, 13, 220–21
Pasture land, 10
Pennock, Jean L., 313
Pfander, W. H., 195
Phillips, W. G., 236
Physicians, 312
Policy
   credit, 37
   monetary, 37
   public, 37
Population
   explosion, 290
   rural, 260–61
   rural-nonfarm, 265–66
Population, farm, 48
   defined, 261–62
   nonwhite, 264, 268
   trends in, 262–64
Population, increase in, 8, 29,
   50–51, 64, 146
Power equipment, 134–36, 211
Price
   elasticity, effect of, 65
   elasticity of demand, 64, 89
   ratios, 71
   squeeze, 62
   supports, 339–40
Prices, 255–56
   food, 102–6
   influence on fixed resources,
      58–61
   paid by U.S. farmers, 63, 70
   pork, 101–2
   received by U.S. farmers, 63,
      70
Problems, community, solving of, 19
Production
   adjustment, 57–58
   control, 341–44
   control, quotas, 342–43
   crop, 10–12
   excess, 4, 63
   increase of, 4
   indices of, 67
   livestock, 12
   maintenance of farm, 59
   per man-hour, 49, 180–83
   restriction of, 4
   utilization of farm, 87–91
Products, farm demand for, 85–124
Projection planning, 362
Pryor, Herbert, 306
Public
affairs, 362
health programs, 312
Law 480, 118–19
policies, 37
services, 18

Q
Quality improvement, 109–10
Quotas, 342–43
market, 19

R
Real income, 93
Recreation, rural, 18, 316–17
Rent control, 39
Renting, 13
Research, agricultural, 20–21
Resource use, 127–38
Resources
adjustments in rural human, 260–84
human, 28–32, 34
man-made, 5, 32–33
natural, 33–34
used by U.S. farms, 79
Rockwell, George R., Jr., 98
Roemer, Milton I., 311
Rogers, Everett M., 304
Rural community, 16–19, 290–93
adjustments for, 17, 293–95
changes in, 16
Rural development, 348, 363
committee for, 42
Rural electrification, 134
Rural Electrification Admin., 318
Rurban, 287
Russia, farming in, 138

S
Sanders, Barker S., 312
Scofield, W. H., 226
Scoville, Orlin J., 209, 229–59
School district, area, 300
Schools, rural, 298–303
consolidation of, 17, 298–99
curriculum, 303
needed adjustments, 302–3
new buildings, 301
reorganization, 302
teacher salaries, 301
transportation, 300
trends in, 17
Schubert, Dolores, 292
Sears-Roebuck Foundation, 318
Self-help, 346
Service area, 289
Sheep feeding, 185–88
Shoemaker, Karl G., 260–84
Siegel, Jacob S., 146
Smith, Mervin G., 1–21
Smutz, Morton, 113
Social Security Act, 315–16
Soil bank, 19
Solberg, E. D., 325
Stollsteimer, John F., 143
Storage programs, 339–40
Strohbehn, R. W., 221
Supply adjustment, 363
Supply firms, farm, 14
Surplus
crops, 147, 157–58
problems of agricultural, 122–23
production, 143–46
Swine feeding, 184–85

T
Taxes, 319–25
adjustments, 319–25
community, 319
growth rate, 321
property, 322-23
sales, 323
school, 322
Techniques, adoption of new, 159–60
Technology
advances in farm, 6, 70–72, 125
changes in, 130–31
contract farming, 256–58
requirements of, 71
Tenure, farm, 196–228
Tractors, 134
V
Vasey, Wayne, 315
Vertical integration, 224, 256–58
Vocational agriculture, 365–67.
   See also Agricultural colleges; Agricultural education; Education; Schools
Vocational guidance, 75

W
Weeks, S. B., 209
Welfare, provisions for rural, 314–16
Wells, O. V., 140
Wetmore, John M., 111
Wheat
demand for, 90
U.S. exports, 119–20
Whitehead, Alfred North, 352
Woodland, 156
World trade, 119
Wright, W. E., 318
Wunderlich, Gene, 196–228

Y
Youth, advantages for farm, 16

Z
Zitter, Meyer, 146
Zoning, rural, 325–29