Index

A

Aandahl, A. R., 76-86, 298, 299
Acreage
- allotment measures, 259-61
- control of, 330
- excess, 214-28
- reduction methods of, 198
- requirements, 131
- selected crops, 82
Adams, J. R., 108, 173, 181
Adjustment
- land and resource, 1-26
- land use, and government, 278-97
  magnitude of, 195
  margin of, 17-19
- programs for, 25-26
Regional, 19-24
Administrative considerations, 282-84
Aggregate
supply and demand, 165, 319
surplus output in, 158-66
surplus resources in, 158-66
Agricultural land, nonfarm uses, 49-60
Agricultural production potentials, 125-39
Agricultural products
foreign demand for, 46
output, 203
Agricultural surpluses, 317-37
Anderson, A. H., 306
Anderson, J. R., 124
Appraisal of programs, 229-36

B

Bachman, K. L., 129

Bailey, W. R., 82
Barley yields, 178-79
Barton, G. T., 176, 179
Bates, O. W., 108
Baumann, R. V., 171, 175, 176, 179,
  181, 182, 211
Bogue, D. J., 51
Boles, D. E., 278-97
Bottom, J. C., 193-99
Boulding, K. E., 267
Bressler, R. G., 200-213
Brown, H. A., 108
Businesses, types of Nebraska, 307

C

Capital inputs, changes in, 172-75
Carleton, W. M., 122
Census regions, 205
Central Prairie, subregion, 71-73
Certificate schemes, 330
Christensen, R. P., 171, 175, 176,
  179, 181, 182, 211
Chrstys, W. E., 252-77
Clark, C., 308
Clawson, M., 49-60
Climate
  and cotton, 91-92
  Great Plains, 78-79
Cochrane, W. W., 212
Community
  multiplier, 308-9
  organization of, 311
  small, 306-8
Conceptual model, 200-202
Conservation, 323-24, 358
Constitutional considerations, 278-86
Constitutional powers, 362-63
Consumption projections, 202-5

365
INDEX

Consumption subsidies, 358
Corn
  and fertilizer, 135, 136
  and irrigation, 135
  potential production of, 66-68, 70-72
  production technology of, 62-64
  projected yields of, 175-78
  rotation and continuous, 65
Corn Belt, 61-75
Cotton
  acreage changes of, 89
  disease damage of, 95-96
  and economic factors, 95-98
  farms, 95-96
  and fertilizers, 99-100, 104-5
  and insect damage and control, 94-95, 105-6
  and mechanization, 106-7
  and moisture control, 91-92, 107
  production, 80, 87-109
  and soils, 92-93
  and technology, 102-7
  and topography, 93-94
  varieties, improved, 104-5
  yields of, 95, 98-103
Crickman, C. W., 74
Crops
  easement programs for, 196
  production ceiling rent
    gradients of, 154
  production of major, 47
  production potentials of, 110-24
  proportions of land for, 98
  yields of, 131
Cropland possibilities and losses, 110-13
Cultural development, 327-28

Daly, R. F., 183, 203
Demand
  aggregate of, 165
  for agricultural land, 319
  curves, 160
  elements of, 242-43
  foreign, 46
  possibilities, 35-38
Dennis, C. C., 212
Duerr, W. A., 148
Dumenil, L. D., 75, 158-92, 220

E
East North Central States, 207-8
East South Central States, 209
Economic factors and cotton, 95-98
Economic growth, 6-9, 27-39
Economic potentials, 125-39
Economy, long-range outlook, 339
Education, 234, 262, 310-11
Egbert, A. C., 158-92, 215, 220, 298
Elasticities, 9, 44
Engelstad, O., 75
Equity concept, 359-61
Ethical values, 359-61
Ex ante model, 186-92
Ex post model, 185-92

F
Factor rewards, trends in, 263-65
Farm commodities, change in, 168
Farm income, 263
Farm output trends, 8
Farm problem, 338-39
Farm production, 21, 22, 23
Farm products, demand for, 40-48
Farm sales, 260
Farmers
  expenditures by, 305-6
  increased returns to, 338-47
Federal policies and land withdrawal, 312-15
Federal programs, 284-86
Feed grains
  excess acreage in, 182-84
  livestock use of, 181-82
  potential changes in production of, 171-80
  programmed production location of, 190-91
  projected yields of, 179-80
  prospective overcapacity of, 170
  requirements of, 188, 190
  and surplus land, 184-92
Fertilizer, 104-5, 118-21, 135-36, 172-74, 191
Fiber outlook, 339-41
Financial considerations, 282-84
Flora, S. D., 78
<table>
<thead>
<tr>
<th>INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Food consumption, changes in</strong>, 43</td>
</tr>
<tr>
<td><strong>Food outlook</strong>, 339-41</td>
</tr>
<tr>
<td><strong>Forest production</strong>, 140-57</td>
</tr>
<tr>
<td><strong>Forest recreation services</strong>, 141-42</td>
</tr>
</tbody>
</table>

**G**
- Gerra, M., 44
- Gibson, W. L., 252, 325
- Government
  - concept of, 352-53
  - and land use adjustment, 278-97
  - pluralistic view of, 358
- Grain sorghum projected yields, 178-79
- Grants-in-aid, 315
- Grass and livestock programs, 196
- Grazing, 220-21
- Great Plains, 77-79, 299
- Gross national product, 35, 326-27
- Growth prospects for economy, 27-39

**H**
- Halcrow, H. G., 319, 321
- Hartman, L. M., 319, 325
- Hawtrey, R., 269
- Heady, E. O., 1-26, 171, 178, 184, 220, 233, 298
- Hedrick, J. L., 325
- Held, B., 49
- Held, R. B., 214-28
- Henry, W. R., 212
- Hicks, J. R., 256
- Hopkins, F. S., Jr., 140-57
- Human development, 327-28
- Human input, 321-23
- Hunting, use of land for, 224

**I**
- Income
  - distribution of, 254-57
  - elasticities of, 44
  - equity of, 328-29
  - farm, 263, 304-5
  - problems of, 1-3
- Industrial development, 314-15

**Inputs**
- capital, changes in, 172-75
- human, 321-23
- land, 338-47
- and output, 162
- substitute, 12-13
- Insects and cotton, 94-95, 105-6
- Irrigation, 113-14
- and corn, 135

**J**
- Jefferson, T., 280
- Johnson, I., 271
- Johnson, I. J., 171, 172, 174, 175, 176, 177, 178, 179, 180
- Johnson, R., 305
- Johnson, S. E., 171, 175, 176, 179, 181, 182, 211
- Jones, L. A., 124

**K**
- Kaldor, D. R., 338-47
- Kang, M. H., 308, 309
- Knowles, J. W., 27-39
- Koffsky, N. M., 40-48

**L**
- Land
  - acquisition of for public use, 225-28
  - adjustments, 1-26, 344-47
  - buying, 196
  - demand and supply of, 319
  - for grazing, 220-21
  - for hunting, 224
  - immediate problems of, 219
  - inputs, 338-47
  - intensive uses of, 217-18
  - market, flaws in, 216-17
  - nonfarm uses of, 49-60
  - policy goals, 343-44
  - for recreation, 222-24
  - requirements and output, 342-43
  - resource institutions, 252-77
  - suitability for corn, 70
  - surplus, 184, 267-70, 318-21
  - technology substituted for, 10-13
- for timber production, 221-22
Land development, 230-34
price supports, 232-33
research and education, 234
soil management, 233
Land retirement, 193-99, 234-36
crop easement programs, 196
glass and livestock programs, 196
land buying, 196
magnitude of adjustment, 195
mandatory controls, 196
possible approaches, 196-99
rental agreements, 197-99
Land use
classes, 299
outlook, 341-42
patterns, 200-213
Land withdrawal, 237-51, 298-316
and expenditures, 305-6
general effects of, 301-3
and grants-in-aid, 315
and income, 304-5
and industrial development, 314-15
lessening impacts of, 310
and marketing, 306
and population, 303-4
and public service, 309-10
and relocation, 312-14
and small community, 306-8
specific impacts, 303-10
Learn, E., 237-51
Legal considerations, 278-86
Lifquist, R ., 41
Lime, increased use of, 118-21
Lindberg, R. C ., 176
Lindsey, M. M ., 137
Livestock, 181-82, 196
Long-term programs, 353-54
Lumber supply and demand, 148
Marginal production areas, 219-20
Marketing, 306
Marketing certificates, 239-41
Marketing quotas, 240-42
Marshall, A., 254
Mechanization, 191
and cotton, 106-7
improvements in, 122-23
Merrick, D. E., 82
Middle Atlantic States, 207
Midland Feed Region, 62-63
Miller, C. J., 306
Mississippi cotton yields, 101-2
Models
conceptual, 200-202
programming, 19-24
Moisture control and cotton, 107
Moldenhauer, W. D., 171
Mountain States, 209-10
N
Nauheim, C. W., 82
Nebraska businesses, 307
Nebraska population, 302
New England States, 206-7
Nelson, H. C., 205
Nonfarm products, potential demand
for, 49-60
Nonfarm resources, 298-316
Nonfarm uses of land, 49-60
O
Oat yields, 178, 179
Ottoson, H. W., 298-316
Output
of agricultural products, 203
capacity, 163
changes in, 165, 167
contracted by inputs, 162
and land requirements, 342-43
potential, 30-35
P
Pacific Coast States, 210
Palmer, E. Z., 306, 308, 309
Palmer, W. C., 78
INDEX

Paper supply and demand, 148
Parks, W. R., 348-64
Patton, J. G., 292
Pearson, R. W., 87-109
Pesek, J. T., 75, 171, 172, 174, 175, 176, 177, 178, 179, 180, 187, 271
Pierre, W. H., 75
Pine, W., 252
Policy formation, 336-37
Political acceptability for land adjustment, 348-64
Political behavior, 351
Politics, 286-96
Polopolus, L., 204
Population
    actual and projected, 205
    farm, movement of, 303-4
    growth of, 41
    of Nebraska, 302
    total and urban, 50
    trends in, 8
Potential demand for farm products, 40-48
Potential supply of forest products, 140-57
Potentials, economic, 125-39
    normative and predictive, 127-30
    quantitative estimates, 130-34
Price elasticities, 44
Price policies, 15-25
Price supports, 232-33, 258-61
Product mix, wheat, 180
Product mix projections, 171-72
Production control, 338-47, 356
Production function, 161, 163
Production pattern, 21, 22, 23
Production potentials, 67-68
Production projections, 202-5
Production regions, 185
Production restrictions, 331-35
Program elements, 24-25
Programming models, 19-24, 185-92
    ex ante, 186-92
    ex post, 185-92
Programming needs, 9-10
Programming results, 189
Programs for adjustment, 25-26
Projections, 40-48, 170-80
    of agricultural products, 203
    of barley yields, 179
    of consumption and production, 202-5
    of corn yields, 176
    of feed grains, 180, 191
    implications of, 38-39
    of oat yields, 179
    of population, 50, 205
    of wheat yields, 182, 191
Public interventions, 257-62, 265-67, 270-72
Public service, 309-10
Pulp supply and demand, 148
Purcell, M. R., 124

R

Raup, P. M., 237-51
Real estate values, 263
Recreation, 56
    forest services, 141-42
    use of land, 54-57, 222-24
Regan, M. M., 252
Regional adjustments, 205-10
    East North Central, 207-8
    East South Central, 209
    Middle Atlantic, 207
    Mountain, 209-10
    New England, 206-7
    Pacific Coast, 210
    South Atlantic, 208-9
    West North Central, 208
    West South Central, 209
Regional equity, 329
Regional production patterns, 190-92
Regional surpluses, 166-70
Relocation, 312-14
Rental agreements, 197-99
Research, 138-39, 234, 262, 270-72, 276-77
Resource adjustment, 1-26
Resource development programs, 261
Resource equilibrium, 318-23
Resource problems, 1-3
Resource use, 254-57, 272-75
Resources, over-commitment of, 214-16
Resources, supply of, 3-6
Restrictions on production, 331-35
Rhoades, H. F., 75
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
<th>Pages</th>
<th>Pages</th>
<th>Pages</th>
<th>Pages</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riecken, F. F.</td>
<td>61-75</td>
<td>172</td>
<td>178</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rogers, R. O.</td>
<td>176</td>
<td>179</td>
<td>182</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rural communities</td>
<td>298-316</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russell, R.</td>
<td>288</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ruttan, V. W.</td>
<td>264</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sawtimber</td>
<td>146</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scarsbrook, C. E.</td>
<td>108</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schaller, F. W.</td>
<td>75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schnittker, J. A.</td>
<td>229-36</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schultz, T. W.</td>
<td>312, 322</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shaw, R. H.</td>
<td>171, 172, 174, 175, 176, 177, 178, 179, 180</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shaw, R. W.</td>
<td>271</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shrader, W. D.</td>
<td>61-75, 171, 172, 178</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simmons, R. L.</td>
<td>210</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slusher, D. F.</td>
<td>75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smith, Guy-Harold</td>
<td>124</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social values</td>
<td>351-60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>classification of</td>
<td>68-69</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>and cotton</td>
<td>92-93</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Great Plains</td>
<td>79</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>management of</td>
<td>233</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil Bank</td>
<td>292-96</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sorghum acreage</td>
<td>80, 81</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Atlantic States</td>
<td>208-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spatial adjustment</td>
<td>15-25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State policies</td>
<td>312</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stoddard, C. H.</td>
<td>49</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stout, T. T.</td>
<td>264</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Straw, W.</td>
<td>308, 309</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub-region of Central Prairie</td>
<td>71-73</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substitute inputs</td>
<td>12-13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>aggregate</td>
<td>165</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>control of</td>
<td>237-51</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>curves</td>
<td>160-61</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>of land</td>
<td>319</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply-demand balance</td>
<td>162</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply-demand imbalance</td>
<td>158-99</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surplus elimination goals</td>
<td>323-29</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surplus resources</td>
<td>189-90</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surpluses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>agricultural</td>
<td>317-37</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>of land</td>
<td>184-92, 267-70</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>output in aggregate</td>
<td>158-66</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>regional</td>
<td>166-70</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thompson, B. H.</td>
<td>285</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thompson, G. E.</td>
<td>308, 309</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thompson, H.</td>
<td>75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thompson, L. M.</td>
<td>171, 172, 174, 175, 176, 177, 178, 179, 180</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thompson, L. N.</td>
<td>271</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Timber</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>potential demand</td>
<td>144</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>production of</td>
<td>221-22</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>projected demand</td>
<td>146</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>projected growth</td>
<td>145</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Timmons, J. F.</td>
<td>252-77</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobacco acreage allotment</td>
<td>266</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tolley, G. S.</td>
<td>317-37</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topography and cotton</td>
<td>93-94</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation systems</td>
<td>59-60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation use of land</td>
<td>57-60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tunison, A. V.</td>
<td>295</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urban housing on rural land</td>
<td>243-44</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urban land use</td>
<td>49-54</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urban patterns, changing</td>
<td>218-19</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visher, S. S.</td>
<td>79</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waller, T. M.</td>
<td>109</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warden, C. B., Jr.</td>
<td>28</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water conservation</td>
<td>116-18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Webb, W. P.</td>
<td>78</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INDEX

Weiss, M. G., 121
Wengert, N., 295
West North Central States, 208
West South Central States, 209
Wheat
  acreage threshed, 76
  excess acreage in, 182-84
  land location for growing, 80
  lands, 79-83
  potential changes in production of, 180-81
  potentials for increasing production of, 76-86
  predicted yields, 85
  production, potential, 83-86
  programmed production location, 190-91
  prospective overcapacity, 170
  requirements, 188, 190
  and surplus land, 184-92
  U. S. and world production, 77
  yield projections, 182
  yields per seeded acre, 84
Wooten, H. H., 124

Z

Zaremba, J., 148