# LIST OF ILLUSTRATIONS

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1 Iran: Administrative Units</td>
<td>3</td>
</tr>
<tr>
<td>3.1 Iran: Drainage Pattern</td>
<td>59</td>
</tr>
<tr>
<td>3.2 Iran: Mean Monthly Temperature</td>
<td>68</td>
</tr>
<tr>
<td>3.3 Iran: Maximum and Minimum Temperature</td>
<td>69</td>
</tr>
<tr>
<td>3.4 Iran: Average Number of Frosty days and Temperature Below Freezing Point at Different Stations</td>
<td>70</td>
</tr>
<tr>
<td>3.5 Iran: Annual Rainfall 1961 to 1983</td>
<td>73</td>
</tr>
<tr>
<td>3.6 Iran: Average Monthly Rainfall, 1982-83 to 1983-84</td>
<td>75</td>
</tr>
<tr>
<td>3.7 Mean Annual Rain Fall Variability (Per cent) 1970-71 to 1984-85</td>
<td>87</td>
</tr>
<tr>
<td>3.8 Iran: Annual Rain Fall (in mm)</td>
<td>90</td>
</tr>
<tr>
<td>3.9 Iran: Physical Division</td>
<td>99</td>
</tr>
<tr>
<td>5.1 Iran: Land Utilization 1981-82</td>
<td>144</td>
</tr>
<tr>
<td>5.2 Iran: Cropping Pattern 1976-77 to 1984-85</td>
<td>148</td>
</tr>
<tr>
<td>5.3 Ranking of Crops</td>
<td>157</td>
</tr>
<tr>
<td>6.1 Wheat - Productivity Regions (Based on Yield kg/hectare) 1984-85</td>
<td>162</td>
</tr>
<tr>
<td>6.2 Barley - Productivity Regions (Based on Yield Kg/hectare) 1984-85</td>
<td>164</td>
</tr>
<tr>
<td>6.3 Rice - Productivity Regions (Based on Yield kg/hectare) 1984-85</td>
<td>167</td>
</tr>
<tr>
<td>6.4 Pulses - Productivity Regions (Based on Yield kg/hectare) 1984-85</td>
<td>169</td>
</tr>
</tbody>
</table>
6.5 Oil-Seeds - Productivity Regions (Based on Yield kg/hectare) 1984-85
6.6 Potato - Productivity Regions (Based on Yield kg/hectare) 1984-85
6.7 Sugar-Beet - Productivity Regions (Based on Yield kg/hectare) 1984-85
6.8 Onion - Productivity Regions (Based on Yield kg/hectare) 1984-85
6.9 Cotton - Productivity Regions (Based on Yield kg/hectare) 1984-85
7.1 Wheat - Trends of Area, Production and Yield 1968-69 to 1984-85
7.2 Barley - Trends of Area, Production and Yield 1968-69 to 1984-85
7.3 Rice - Trends of Area, Production and Yield 1968-69 to 1984-85
7.4 Pulses - Trends of Area, Production and Yield 1972-73 to 1984-85
7.5 Oil-Seeds - Trends of Area, Production and Yield 1975-76 to 1984-85
7.6 Potato - Trends of Area, Production and Yield 1970-71 to 1984-85
7.7 Sugar-Beet - Trends of Area, Production and Yield 1968-69 to 1984-85
7.8 Onion - Trends of Area, Production and Yield 1978-79 to 1984-85
7.9 Cotton - Trends of Area, Production and Yield 1968-69 to 1984-85
7.10 Cereals - Trends of Area, Production and Yield 1968-69 to 1984-85
7.11 Cereals - Trends of Area, Production and Yield 1971-72 to 1984-85 (Pre-revolution Period and Post-revolution Period)
7.12 Wheat - State-wise Linear Growth Rate 1976-77 to 1984-85
7.13 Barley - State-wise Linear Growth Rate 1976-77 to 1984-85
7.14 Rice - State-wise Linear Growth Rate 1976-77 to 1984-85
7.15 Pulses - State-wise Linear Growth Rate 1978-79 to 1984-85
7.16 Potato - State-wise Linear Growth Rate 1978-79 to 1984-85
7.17 Sugar-Beet State-Wise Linear Growth Rate 1976-77 to 1984-85
7.18 Onion - State-wise Linear Growth Rate 1978-79 to 1984-85
7.19 Cotton - State-wise Linear Growth Rate 1976-77 to 1984-85
7.20 Food-Grains - State-wise Linear Growth Rate 1976-77 to 1984-85
7.21 State-wise Linear Growth Rate (Total Area Under All Major Crops) 1978-79 to 1984-85
8.1 Qanat (Sub-Terranean Canal)
8.2 Government Development Disbursement for Agriculture and Water Resources 1976-77 to 1984-85
8.3 Irrigated Area to the Total Cropped Area (in per cent) 1983-84
8.4 Irrigated and Non-Irrigated Area 1981-82
8.5 Irrigated Land Under Annual Crops 1976-77 to 1984-85
8.6 Consumption Levels of Nitrogen, Phosphorus and Potassium
8.7 Consumption Level of Fertilizer
8.8 Fertilizer Consumption kg/hectare (In-Relation to Total Cropped Area)

8.9 Comparison of fertilizer consumption with Irrigated Area 1983-84

8.10 Fertilizer Consumption kg/hectare (In-Relation to Total Cropped Area)

8.11 Fertilizer Consumption From 1976-77 to 1984-85

8.12 Domestic Production, Import and Consumption of Fertilizer in Iran 1972-73 to 1984-85

8.13 Comparison of Domestic Production and Import of Fertilizer

8.14 Area Under Improved Variety of seeds

8.15 Number of Tractors/1000 Hectare

8.16 Utilization of Loans Extended by Agricultural Cooperative Banks and Cooperative Societies 1976-77 to 1984-85

8.17 Iran: Agricultural Workers/1000 Hectare 1984-85

9.1 Iran: Agricultural Productivity Regions (All Major Crops) Based on Shafi's Productivity Index

9.2 Agricultural Productivity Levels and Tends (All Crops) 1976-77 to 1984-85 (Based on Shafi's Productivity Index)

9.3 Linear Growth Rate in Agricultural Productivity - All Major Crops (Based on Shafi's Productivity Index) 1976-77 to 1984-85

9.4 Iran: Agricultural Productivity Regions (All Major Crops) Based on Yang's Crop Yield Index
9.5 Agricultural Productivity Levels and Trends (All Crops) 1976-77 to 1984-85 (Based on Yang's Crop Yield Index)

9.6 Linear Growth Rate in Agricultural Productivity - All Major Crops (Based on Yang's Crop-Yield Index) 1976-77 to 1984-85

9.7 Iran: Food Crop Productivity Regions: Based on Yang's Crop Yield Index

9.8 Agricultural Productivity Levels and Trends (Food-Grains) 1978-79 to 1984-85 (Based on Yang's Crop Yield Index)

9.9 Linear Growth Rate in Agricultural Productivity - Food-Grains (Based on Yang's Crop Yield Index) 1978-79 to 1984-85

9.10 Iran: Cash Crop Productivity Regions: Based on Yang's Crop Yield Index

9.11 Agricultural Productivity Levels and Trends (Cash Crops) 1978-79 to 1984-85 (Based on Yang's Crop Yield Index)

9.12 Linear Growth Rate in Agricultural Productivity - Cash-Crops (Based on Yang's Crop Yield Index) 1978-79 to 1984-85

9.13 Iran: Agricultural Productivity Regions (Irrigated Crops): Based on Yang's Crop Yield Index

9.14 Iran: Agricultural Productivity Regions (Un-Irrigated Crops): Based on Yang's Crop Yield Index

9.15 Iran: Agricultural Productivity Regions: Based on Output Per Hectare of Cropped Land (Price - Weight)

9.16 Agricultural Productivity Levels and Trends: Based on Output/Hectare of Cropped Land (Price-Weight) 1976-77 to 1984-85
9.17 Linear Growth Rate in Agricultural Productivity (Based on Price-Weight) 1976-77 to 1984-85
9.18 Iran: Agricultural Productivity Regions: Based on Standard Nutrition Unit/Hectare
9.20 Linear Growth Rate in Agricultural Productivity (Based on SNU/Hectare) 1976-77 to 1984-85
9.21 Iran: Agricultural Productivity Regions: Based on Standard Nutrition Unit/Person
9.22 Agricultural Productivity Levels and Trends SNU/Person 1976-77 to 1984-85
9.23 Linear Growth Rate in Agricultural Productivity (Based on SNU/Person) 1976-77 to 1984-85