Contents

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Title</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acknowledgement</td>
<td>i - ii</td>
</tr>
<tr>
<td></td>
<td>Contents</td>
<td>iii - vi</td>
</tr>
<tr>
<td></td>
<td>Table</td>
<td>vii - ix</td>
</tr>
<tr>
<td></td>
<td>Figures</td>
<td>x - xi</td>
</tr>
<tr>
<td></td>
<td>1. Introduction</td>
<td>1-24</td>
</tr>
<tr>
<td>0.1</td>
<td>Agriculture and Capital Formation</td>
<td>4</td>
</tr>
<tr>
<td>0.2</td>
<td>Agriculture and Employment Generation</td>
<td>5</td>
</tr>
<tr>
<td>0.3</td>
<td>Agriculture and Foreign Exchange</td>
<td>6</td>
</tr>
<tr>
<td>0.4</td>
<td>Agriculture and Rural Welfare</td>
<td>7</td>
</tr>
<tr>
<td>0.5</td>
<td>Agriculture in Uzbek Economy</td>
<td>7</td>
</tr>
<tr>
<td>0.6</td>
<td>Share of Agriculture in National Income</td>
<td>7</td>
</tr>
<tr>
<td>0.7</td>
<td>Large Employment Providing Sector</td>
<td>8</td>
</tr>
<tr>
<td>0.8</td>
<td>Role of Agriculture in Industrial Development</td>
<td>8</td>
</tr>
<tr>
<td>0.9</td>
<td>Strategies of Agricultural Development in Uzbekistan</td>
<td>8</td>
</tr>
<tr>
<td>0.10</td>
<td>New Agricultural Strategy and Agricultural Development in Uzbekistan</td>
<td>9</td>
</tr>
<tr>
<td>0.11</td>
<td>Nature of the Problem</td>
<td>10</td>
</tr>
<tr>
<td>0.12</td>
<td>Aims and Objective</td>
<td>12</td>
</tr>
<tr>
<td>0.13</td>
<td>Hypothesis</td>
<td>14</td>
</tr>
<tr>
<td>0.14</td>
<td>Database</td>
<td>14</td>
</tr>
<tr>
<td>0.15</td>
<td>Methodology</td>
<td>15</td>
</tr>
<tr>
<td>0.16</td>
<td>Literature Review</td>
<td>16</td>
</tr>
</tbody>
</table>

2 Chapter One ................................................................................. 25 - 52

Physical Setting of the Area under Study

1.1 Physiography of Uzbekistan (27)
1.2 Climate of Uzbekistan (29)
1.3 Agro-Ecological Zones (34)
1.4 Soils Types and their Distribution (37)
1.5 Natural Vegetation (41)
1.6 Mineral Resources (44)
1.7 Water Resources (47)

3 Chapter Two...................................................... 53-77

Trends in Area, Production and Yield

2.1 General Agricultural Characteristics (54)
2.2 Cotton: Trends in Area, Production and Yield (58)
2.3 Wheat: Trends in Area, Production and Yield (59)
2.4 Rice: Trends in Area, Production and Yield (63)
2.5 Barley: Trends in Area, Production and Yield (64)
2.6 Maize: Trends in Area, Production and Yield (68)
2.7 Vegetables: Trends in Area, Production and Yield (69)
2.8 Grapes: Trends in Area, Production and Yield (71)
2.9 Tobacco: Trends in Area, Production and Yield (75)

4 Chapter Three................................................ 78 - 111

Landuse and Cropping Pattern

3.1 General Overview of Uzbek Agriculture (79)
3.2 Institutional Reforms in Uzbek Agriculture (84)
3.3 Cropping Pattern (88)
3.4 Area under Food and Non-food Crops (89)
3.5 Area under Principal Crops (90)
3.6 Crop Diversification (94)
3.7 Crop Concentration (95)
3.8 Crop Combination Regions (97)
3.9 Landuse Pattern (103)
Chapter Four

Productivity Levels

4.1 Productivity Levels (113)
4.2 Measurements of Agricultural Productivity (114)
4.3 Food grains: Growth in Area Production and Yield (115)
4.4 Cotton: Growth in Area Production and Yield (119)
4.5 Wheat: Growth in Area Production and Yield (124)
4.6 Rice: Growth in Area Production and Yield (128)
4.7 Barley: Growth in Area Production and Yield (132)
4.8 Maize: Growth in Area Production and Yield (136)
4.9 Vegetables: Growth in Area Production and Yield (140)
4.10 Productive Regions of Uzbekistan (144)

Chapter Five

Sources of Variations in Levels and Growth of Agricultural Productivity

5.1 Environmental Factors (151)
5.2 Impact of Relief on Agricultural Production (152)
5.3 Impact of Soil on Agricultural Production (155)
5.4 Impact of Rainfall on Agricultural Production (162)
5.5 Technological Factors (165)
5.6 Distribution of Tractors and Threshers (168)
5.7 Use of Fertilizers (169)
5.8 Irrigation Facilities and Water Management (171)
5.9 Socio-Cultural and Institutional Factors (174)
5.10 The Ownership of Land and Rent (176)
5.11 Size of Land Holding and Banking System (177)
Chapter Six

Conclusion and Suggestions

Bibliography