Test Structure for CSET: Agriculture

CSET: Agriculture consists of three separate subtests, each composed of both multiple-choice and constructed-response questions. Each subtest is scored separately.

The structure of the examination is shown in the table below.

<table>
<thead>
<tr>
<th>Subtest</th>
<th>Domains</th>
<th>Number of Multiple-Choice Questions</th>
<th>Number of Constructed-Response Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Plant and Soil Science</td>
<td>25</td>
<td>2 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Ornamental Horticulture</td>
<td>15</td>
<td>1 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Subtest Total</td>
<td>40</td>
<td>3 short (focused)</td>
</tr>
<tr>
<td>II</td>
<td>Animal Science</td>
<td>25</td>
<td>2 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Environmental Science and Natural Resource Management</td>
<td>15</td>
<td>1 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Subtest Total</td>
<td>40</td>
<td>3 short (focused)</td>
</tr>
<tr>
<td>III</td>
<td>Agricultural Business and Economics</td>
<td>20</td>
<td>2 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Agricultural Systems Technology</td>
<td>20</td>
<td>1 short (focused)</td>
</tr>
<tr>
<td></td>
<td>Subtest Total</td>
<td>40</td>
<td>3 short (focused)</td>
</tr>
</tbody>
</table>
Annotated List of Resources for CSET: Agriculture

This list identifies some resources that may help candidates prepare to take CSET: Agriculture. While not a substitute for coursework or other types of teacher preparation, these resources may enhance a candidate's knowledge of the content covered on the examination. The references listed are not intended to represent a comprehensive listing of all potential resources. Candidates are not expected to read all of the materials listed below, and passage of the examination will not require familiarity with these specific resources. A brief summary is provided for each reference cited. Resources are organized alphabetically and by content domain order in subtest order.

Plant and Soil Science


This book gives an introduction to soil science that is easy to comprehend.


This text offers a comprehensive general overview of agricultural science.


The authors provide a comprehensive introduction to the growth, development, and utilization of cultivated plants.


This text is a classic introduction to soil science at a slightly more advanced level than *Soil Science Simplified*.


This book gives comprehensive coverage of plant science from a sustainable perspective and emphasizes horticultural crops.

Ornamental Horticulture


The selections provide comprehensive coverage of gardening and a wide variety of garden plants in the western United States.


This text offers a comprehensive general overview of agricultural science.

This text is a complete introduction to the nursery management.


The author provides a complete introduction to the fundamentals of floral design.


This book covers all aspects of greenhouse management.

**Animal Science**


This text is a well-written cursory introduction to animal production and animal science.


The author provides a sound introduction to animal facilities for the small family farm, including building plans.


The author presents a thorough introduction to animal production and animal science.


This book provides comprehensive coverage of all aspects of animal production, including breed characteristics, housing, diseases, and nutrition.


This book takes a thorough look at the latest practices in dairy management.

**Environmental Science and Natural Resource Management**


This book is an easy and understandable introduction to forestry science.

This book is an introduction to wildlife management including specific information for a variety of species.


The authors give comprehensive coverage of environmental science, ecosystems, and ecology.


The author discusses ecological problems with modern unsustainable practices and offers alternatives.


This is a higher-level text applying ecological principles to agriculture.

### Agricultural Business and Economics


This is a higher-level introduction to agribusiness with an emphasis on economics, trade, and marketing.


The authors provide a general and straightforward introduction to agribusiness, including management, marketing, human resource development, communication, and technology.


This text offers a comprehensive general overview of agricultural science.


The author provides a new edition of a classic text covering the economics of agribusiness.


This introduction to agribusiness puts an emphasis on marketing.
Agricultural Systems Technology


This text offers a comprehensive general overview of agricultural science.


This book provides an introduction to various types of farm building and construction techniques.


The authors cover the fundamentals of agricultural mechanics.


This text covers farm power machinery including operations, power, and equipment selection.


This book is an introduction to the use of technology in precision farming.