



IM8

Bid ID#: 1432

Course# - Course Title: 8106810 - Agriscience Foundations 1

AUTHORS & CREDENTIALS: LIST FULL NAME OF AUTHOR(S), WITH MAJOR OR SENIOR AUTHOR LISTED FIRST. BRIEFLY PROVIDE CREDENTIALS FOR EACH AUTHOR.

Jasper Lee (Mississippi State University)

Jasper S. Lee is a long-time professional agricultural educator. After completing an agricultural education degree from Mississippi State University, he began his career as a high school agriculture teacher in Mississippi. This was followed by graduate study at the University of Illinois and service on faculties in agricultural education at Virginia Tech and Mississippi State University. He advanced through faculty academic ranks and served as department head in agricultural education for 12 years at Mississippi State University. He is the author of several textbooks on Agriculture and authors historical fiction and non-fiction books.

STUDENTS: DESCRIBE THE TYPE(S) OF STUDENTS FOR WHICH THIS SUBMISSION

The submission is intended for high school students interested in pursuing a career in the field of agriculture.

1. LIST THE FLORIDA DISTRICTS IN WHICH THIS PROGRAM HAS BEEN PILOTED IN THE LAST EIGHTEEN MONTHS.

This program has not been piloted in Florida over the last 18 months.

2. HOW ARE YOUR DIGITAL MATERIALS SEARCHABLE BY FLORIDA'S ACADEMIC STANDARDS (SECTION 1006.33(1)(e), FLORIDA STATUTES)?

A correlation to Florida standards with links to content citations is provided in the Instructor Resources section of MyLab.

3. IDENTIFY AND DESCRIBE THE COMPONENTS OF THE MAJOR TOOL.

Educational Approach:

AgriScience, 8th Edition provides students with insights into the extraordinary career opportunities as well as the principles, practices, and innovations that are driving the agriculture industry.

- Highlights the meaning and importance of the agriculture, food, and natural resources.
- Explores a variety of career pathways.
- Emphasizes the traits of a professional in the agriculture industry.
- Robust digital delivery with video, a variety of assignments and teacher tools.

Chapter Element Highlights:

- **Engaging Introductions:** Each chapter begins with a short conceptual introduction to engage students in what they will be learning in the chapter, followed by prompts designed to encourage discussion and collaboration.
- **Highly Visual:** Numerous photos enhance each chapter highlighting plants, animals, and agricultural environments.
- **Vocabulary Terms:** Key terms are highlighted within the text, and the definition of the term is included in the margin for easy reference. A complete glossary of terms is included at the end of the text
- **Stop and Jot:** These activities encourage students to reflect on and respond to what they have just read.
- **Technology in Agriculture:** A technology awareness feature in each chapter introduces a concept relating to the current topic. The student is prompted to do further research on the topic.
- **Focus on Careers:** Every chapter spotlights an agriscience career, providing a brief overview of the job's responsibilities. It also outlines the educational requirements and necessary skills for success in that career.
- **Graphical Information:** The text uses tables and infographics to present data clearly and concisely, enhancing understanding and appealing to visual learners.

MyLab AgriScience 8th Edition is a digital learning platform that provides tutorials, digital media, homework activities, and assessment solution designed enable teachers to customize instruction to an entire class or individual students. The MyLab offers an embedded etext as well as course management functions including gradebook, assignment manager, data, and analytics, all supporting an engaging online learning experience and individualized instruction.

Major Tool - Student Components

The Major Tool, student components, consists of the Student Edition (printed textbook) and the MyLab digital companion.

- The Student Edition (740 pages, four color, NASTA bound) consists of thirty chapters in five sections.
- MyLab Digital Course including additional instruction, activities, digital media, and assessments.

Major Tool - Teacher Components

n/a

4. IDENTIFY AND DESCRIBE THE ANCILLARY MATERIALS.

Ancillary Materials - Student Components

The consumable Student Activity Guide provides additional learning activities and extensions including assessments, writing assignments and group projects.

Ancillary Materials - Teacher Components

The Teacher's Wraparound Edition (print, hard cover) contains the full student edition with teaching resources included in the margins. These resources include Lesson plans for more advanced, less advanced, special needs and English Language Learner students, guides to using other program resources, discussion points, teaching tips and reinforcement activities.

Downloadable Resources

- Classroom presentations provide an overview of the key objectives of each lesson, available in PowerPoint and Rise formats.
- A Test Bank with TestGen assessment software TestGen enables teachers to select and generate customized tests from a bank of supplied questions and/or add their own test questions.
- Glossary and Lesson Objectives in Spanish is available for download in PDF format.

5. IDENTIFY WHICH INDUSTRY STANDARD PROTOCOLS ARE UTILIZED FOR INTEROPERABILITY?

The MyLab learning platform is IMS Global / 1 Ed Tech, 1.3 compatible.

A list of learning management platforms that can be integrated with MyLab and other information on integration services can be found at <https://www.pearson.com/en-us/higher-education/educators/digital-learning-platforms/lms-integration-services.html>.

6. HOW MUCH INSTRUCTIONAL TIME IS NEEDED FOR THE SUCCESSFUL IMPLEMENTATION OF THIS PROGRAM?

Using the Student Edition, Student Activity Guide, and additional activities in the MyLab, there are over one hundred twenty hours of instruction available to the teacher. However, the program is designed for flexible implementation and the teacher can customize the instruction to fit a variety of course lengths.

7. WHAT PROFESSIONAL DEVELOPMENT IS AVAILABLE?

There is no formal Professional Development program available for this program. However, the editorial staff is available to help with content questions implementation issues. Technical support is available at this website <https://support.pearson.com/getsupport/s/contactsupport>.

8. WHAT HARDWARE/EQUIPMENT IS REQUIRED?

The MyLab platform can be accessed by any device connected to the Internet. A list of compatible browsers and their system requirements is available here: <https://support.pearson.com/getsupport/s/article/Using-an-Alternate-Supported-Browser>.

9. WHAT LICENSING POLICIES AND/OR AGREEMENTS APPLY?

Terms of Use and End User License Agreement are available at the following link: <http://tpi.pearsoncmg.com/tpi/w3c/license.jsp>.

10. WHAT STATES HAVE ADOPTED THE SUBMISSION?

The program has been adopted state-wide in South Carolina, New Mexico and Texas. The program is widely used throughout the United States.

11. WHAT OPEN EDUCATIONAL RESOURCES RELATED TO THIS BID DO YOU MAKE AVAILABLE(S)?

There are no Open Educational Resources associated with this program.

12. ALTHOUGH NOT CALLED FOR IN THE STATE ADOPTION, DO YOU HAVE ADVANCED PLACEMENT (AP) OR ACCELERATED PROGRAM INSTRUCTIONAL MATERIALS AVAILABLE FOR THE COURSE(S) BID FOR ADOPTION?

There are no AP materials associated with this or other CTE courses bid into this adoption.

13. WHAT, IF ANY, FOREIGN LANGUAGE TRANSLATIONS DO YOU HAVE AVAILABLE?

Spanish translations of the Glossary and Lesson Objectives are available online at no cost to adopters.

14. DO YOU PROVIDE ACCESS POINT SCAFFOLDING OR AN ACCESS POINT CORRELATION UPON REQUEST?

Not applicable - Access Points are not developed for this course.

15. ESSA LEVELS OF EVIDENCE

While no formal efficacy studies have been conducted on the program, it is in its eighth edition and has been used by thousands of high school students over more than twenty-five years. The author served as an educator at the high school and college level for over thirty years.