**mAGic kits, Horticulture kits**

### Poultry mAGic
*ILAK-20
Price: $144.00

AK-20
Price: $180.00

Students will uncover interesting facts about U.S. poultry production through exercises and hands-on experiments. They’ll learn about the anatomy and nutritional value of an egg. They’ll also learn about the history of egg production and find out how poultry dishes are prepared around the world. Kits include a printed activity guide in a 3-ring binder.

**Activity Guide, (CD-ROM Only)**
AK-20.2
Price: $35.00

### Insect mAGic
*ILAK-21
Price: $335.00

AK-21
Price: $385.50

Students will learn about the impact of insects on crop production through a variety of lessons and activities. Mapping exercises let students follow butterflies on migration patterns. Students track a day in the life of an insect and learn about wingspan, life cycles, anatomy, and social hierarchy patterns of common insects. Kits include a printed activity guide in a 3-ring binder.

**Activity Guide, (CD-ROM Only)**
AK-21.2
Price: $35.00

### Soil mAGic
*ILAK-22
Price: $385.75

AK-22
Price: $444.00

Soils are alive, as students will discover through the lessons in this kit. Students will learn to conduct experiments in soil pH, create soil profiles, and understand the components of soils. They will also unveil the history of crop rotation and dig into the Dust Bowl. Kits include a printed activity guide in a 3-ring binder.
**Activity Guide, (CD-ROM Only)**
AK-22.2
Price: $35.00

**Dairy mAGic**
*ILAK-23
Price: $299.75

AK-23
Price: $345.00

Hands-on exercises let students explore the processes of using milk, acids, enzymes, and bacteria to make cottage cheese, yogurt, and ice cream. Students will find out how much milk one cow produces in its lifetime. They'll also dive into history, and they'll learn about issues of supply and demand in the dairy industry. Kits include a printed activity guide in a 3-ring binder.

**Activity Guide, (CD-ROM Only)**
AK-23.2
Price: $35.00

**Plant mAGic**
*ILAK-24
Price: $367.50

AK-24
Price: $422.75

This kit offers problem-solving activities in plant propagation, production, and processing. Students will conduct experiments to learn about plant differences and plant ecosystems. They'll also sequence plant products, research the discoveries of George Washington Carver, and look at the impact of crops on the national economy. Kits include a printed activity guide in a 3-ring binder.

**Activity Guide, (CD-ROM Only)**
AK-24.2
Price: $35.00

**Machine mAGic**
*ILAK-25
Price: $336.50

AK-25
Price: $386.75

Students will learn about the history of farm machinery and the impact of modern farming techniques on families and communities. They'll also learn how inventors John Deere and Cyrus McCormick helped shape modern agriculture. Hands-on exercises let students identify machinery parts and estimate farm machinery costs.
Instructional Kits

**Activity Guide, (CD-ROM Only)**
AK-25.2
Price: $35.00

**Horticulture Science Kit**
*ILAK-26, Price: 214.50
AK-26, Price: $247.50

What's the role of science in horticulture? The materials in this kit are designed to teach students in grades 7 to 12 about science and how it impacts today's horticulture industry.

The curriculum covers the major aspects of horticultural science. Students will become familiar with plant taxonomy, and they'll learn how to grow plants in soil and in soil-less media. They'll get introduced to plant pests and how to control them. Lab exercises help students understand plant breeding and genetics. A section is devoted to the impact of biotechnology on ornamental horticulture, and students will learn how to conduct DNA analysis to match offspring to parents.

The Horticulture Science Kit includes lesson plans, exercises, student handouts, and quizzes. Each kit is sold as a complete package with printed curriculum and a CD-ROM-version, as well as necessary components for activities and exercises. A CD-ROM with all printed materials may also be purchased separately.

**Horticulture Science Curriculum CD-ROM**
AK-26.2 Price: $35.00

The CD-ROM recreates the printed curriculum guide in the Horticulture Science Kit as an Adobe Acrobat document. The 73-page document can be viewed on screen, printed by section or the entire document, including student worksheets and transparency masters. Included are 5 lessons on plant taxonomy, growing media, plant pests, plant breeding and genetics, and biotechnology. The freely distributable Adobe Acrobat Reader is included on the CD-ROM.

**Horticulture Careers Kit**
*ILAK-27, Price: 154.00
AK-27, Price: $177.25

What are the career opportunities if you like to work with plants or landscaping? This kit introduces students to the different areas of the horticulture field. Through hands-on exercises and activities, students learn about a variety of careers in horticulture, including landscape design, turf management, retail industry, marketing, and new product development.

Activities and lessons are designed to help students understand how they can apply skills and interests they already have in today's horticulture industry. The students will become familiar with the culture, terms, and responsibilities in each employment area.

The materials are appropriate for students in grades 7 to 12.

The Horticulture Careers Kit includes lesson plans, exercises, student handouts, and quizzes. Each kit is sold as a complete package with printed curriculum and a CD-ROM-version, as well as necessary components for activities and exercises. A CD-ROM with all printed materials may also be purchased separately.
**Instructional Kits**

**Horticulture Careers Curriculum CD-ROM**
AK-27.2, Price: $35.00

The CD-ROM recreates the printed curriculum guide in the Horticulture Careers Kit as an Adobe Acrobat document. The 53-page document can be viewed on screen, printed by section or the entire document, including student worksheets and transparency masters. Included are 9 lessons on careers in horticulture, ranging from landscape design to retail, marketing, and research.

**AK-28**
**Illinois mAGic Kit**
Price: $550.00

This kit is a multidisciplinary, all-inclusive curriculum that is designed to teach students about agriculture through active discovery. Students learn about a variety of topics ranging from the prairie landscape to the Chicago stockyards, the Lincoln-Douglas debates, and the forests of Southern Illinois.

The kit includes 8 math, 10 English language arts, 11 social studies, and 7 science lessons focused on the state of Illinois. Lessons can be selected to match your region of the state.

The lessons meet Illinois State learning standards for grades 4 to 8.

The Illinois mAGic Kit is sold as a complete package that includes necessary components for each lesson, as well as a printed curriculum manual and a CD-ROM version. The CD-ROM version of the manual may also be purchased separately.

**AK-28.2**
**Illinois mAGic Curriculum CD-ROM**
Price: $35.00

The CD-ROM recreates the printed curriculum guide in the Illinois mAGic Kit as an Adobe Acrobat document. The 470-page document can be viewed on screen, printed by section or the entire document, including student worksheets and transparency masters. Included are 8 math lessons, 10 English language arts lessons, 11 social studies lessons, and 7 science lessons. The freely distributable Adobe Acrobat Reader is included on the CD-ROM.

**Agriscience kits**

**AK-29**
**Biodiesel Basics: Curriculum and Production Kit**
$499.00

Teach your students about biodiesel production in the context of global energy issues. This hands-on curriculum includes lesson plans and a complete starter kit to produce biodiesel in the science lab. The content and materials are appropriate for high school science classes. The curriculum contains four lesson plans: introduction to energy, the need for alternative energy sources, the soybean, and biodiesel. Each lesson plan includes a PowerPoint presentation, handouts, lab exercises, and student quizzes and keys. The production kit includes a complete set of materials and supplies to produce 200 ml of biodiesel from raw soybean oil. Very specific instructions and clear safety guidelines are also provided. Lab kit replenishment materials are also available.
Instructional Kits

AK-29.2
**Biodiesel Kit Refill Pack**
$40.00

This refill pack contains additional materials for the Biodiesel Basics production kit. The refill pack includes 1/2 gallon of soybean oil; 370 mL of methanol; six 2.5 g potassium hydroxide pellets packets; three replacement fine discard stones; and one roll of paper towel. This provides materials for six batches of biodiesel.

AK-30
**Plant Breeding Curriculum and Kit**
$325.00

This curriculum introduces students to the field of plant breeding through lessons, activities, and hands-on lab exercises. The curriculum contains four lessons plans, each including student handouts, activities, lab exercises, PowerPoint slides, and student exams with keys. The curriculum is appropriate for 7-12 grades. Lesson topics include plant breeding introduction, history and practice; reproduction in plants; plant genetics; and biotechnology.

The kit comes with a printed workbook, a CD with a PDF of the workbook and PowerPoint slides, as well as most supplies needed to complete the labs.

AK-30.2
**Plant Breeding Curriculum and CD-ROM**
Price: $199.00

Printed workbook and CD-ROM only; does not include lab supplies.

AK-19
**Feedstuff Education**
Price: $165.00 (complete kit)

Feedstuff Education Kit is designed to assist in the instruction of feeds and animal nutrition. This instructional material includes 27 commonly used feed ingredients and 6 processed feeds packaged in protective plastic jars.

The kit includes an instructor’s CD-ROM. The CD-ROM is an onscreen instructional material composed in PowerPoint. Information included on the CD-ROM is feedstuff sources, feed processing, nutritional composition, and terminology. Term quizzes, keys, and student handouts also are included.

AK-19.2
**Feedstuff Education, (CD-ROM only)**
Price: $38.50
**Unit**

U7001a  
**History of the Illinois FFA, 16p**  
Price: $2.00

This unit covers the history of the Illinois FFA from the beginning to the 1990s.

**Electronic and Printed Record Book**

R2006  
**EZ Records®, one-year subscription**  
Price: $6.00

A web-based electronic record book for SAE programs in agricultural education. EZ Records® is an SAE record-keeping system designed to record enterprise records, FFA participation, leadership activities, skills learned, and enterprise efficiencies. EZ Records® is rich with features, including autocalculations, inventory records, customized content, unlimited enterprise options, and password protection for file data. Help files are available for each record book page, as well as support by calling (866) 289-5468. Access EZ Records® on the Web using the following browsers:

- Firefox 1.0 and above
- Internet Explorer 6.0 and above
- Mozilla 1.7 and above
- Netscape 7.0 and above
- Opera 7.0 and above
- Safari 1.2 and above

Access EZ Records® home page at [http://ezrecords.aces.uiuc.edu](http://ezrecords.aces.uiuc.edu) for additional purchasing information and system requirements. Price is for a one-year subscription for a single user.

R2006T  
**EZ Records Teacher View, one-year subscription**  
Price: (Contact ITCS)

EZ Records Teacher View enables teachers to evaluate and comment on student records, using specialized software. The teacher view permits teachers to evaluate and score individual record book pages, as well as make comments on the record book pages. Records book scores are totaled by enterprise and summarized as a percentile score, with an additional percentile score determined summarizing the entire record book. Individual comments may be viewed and printed. The teacher view is a one-year subscription that must be renewed annually.

To order R2006T EZ Records Teacher View, contact us at [ezrecords_help@aces.uiuc.edu](mailto:ezrecords_help@aces.uiuc.edu) or (866) 289-5468.