DEALING IPM EDUCATION: ONE CARD AT A TIME

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ABOUT THE PROJECT

The Kansas State University Integrated Pest Management team is dealing IPM education one playing card at a time by developing a unique tool to teach about integrated pest management control strategies. This was accomplished by developing a traditional 52 card playing deck.

The goal for this Extension project was to create an innovative educational tool which presents the integrated pest management controls in a unique and innovative way. This was needed because stakeholders use integrated pest management strategies in a wide variety of environments, such as in agriculture, landscapes, public buildings, and gardens and it is not an easy concept to teach. In this format, traitional card games can be played to expose learners to the information on the cards.

IDEAS FOR USE



These playing cards can be used in a variety of ways. In addition to traditional card games, the IPM Cards can be used to demonstrate pest management security, as for training employees and/or pest management professionals and students.

WHAT IS INTEGRATED PEST MANAGEMENT?

Integrated Pest Management (IPM) is a pest management approach that focuses on long-term prevention of pests through the use of regular monitoring and a combination of tactics. The escential elements of integrated pest management are education, monitoring, pest prevention, use of least hazardous approach to pest control, pesticide use notification, and record keeping. Utimately, 1PM goals are to protect human health, reduce exposure to pesticides, and reduce environmental pollution.

THE FOUR IPM CONTROLS

Integrated Pest Management promotes four different types of control methods:

- 2. Cultutral Controls (i.e. tillage, proper irrigation, native plantings, companion pla







EVALUATION



A survey was created to gather feedback about the organization, playability, and usefulness of the IPM card deck. The information shared is used to improve future versions of the game. In addition, the results from the survey will inform project leadership regarding the effectiveness of playing a card game designed to reinforce the concepts of pest management.



PROCESS

From idea formulation to final product, there were several steps included within this process to develop a quality resource that can be used in a variety of ways. Here are the steps the K-State IPM team took to formulate, create, and ultimately distribute these playing cards.

Step 1: Idea Formulation - Authors Frannie Miller and Brooke Garcia







- Step 2: Content Creation

 IPM defined (Every Ace Card = Control Definition)

 The four controls (13 cards per each control method)

 Development of game to compliment playing cards

 Joker cards = author cards

 Booklet included with playing cards

 Survey for evaluation

 Captured images to compliment various control methods

Step 3: Design Process (reference examples, sketch ideas, create prototypes, color scheme selections, proofs, editing)
Step 4: Ordered through a printing company that specializes in playing cards. Once order was recieved, playing cards distributed.

REACH

The IPM Team shipped these cards to various areas of the USA, including Canada (Ontario and British Columbia).



K-STATE Integrated Pest Management

