2-12-2007

ISU Extension offers crop scout course March 2007

Brent A. Pringnitz
Iowa State University, bpring@iastate.edu

Follow this and additional works at: http://lib.dr.iastate.edu/cropnews

Part of the Agricultural Science Commons, Agriculture Commons, and the Agronomy and Crop Sciences Commons

Recommended Citation

The Iowa State University Digital Repository provides access to Integrated Crop Management News for historical purposes only. Users are hereby notified that the content may be inaccurate, out of date, incomplete and/or may not meet the needs and requirements of the user. Users should make their own assessment of the information and whether it is suitable for their intended purpose. For current information on integrated crop management from Iowa State University Extension and Outreach, please visit https://crops.extension.iastate.edu/.
ISU Extension offers crop scout course March 2007

Abstract
If you plan to work as a crop scout for the 2007 crop season, you will want to attend the upcoming Crop Scout School offered by Iowa State University Extension. Hands-on sessions will cover identification and scouting methods for weeds, insects, and diseases. Workshops on plant growth and development of corn, soybean, and alfalfa will be included along with discussion of common field crop problems. Crop Scout School will be held Saturday, March 3, 2007, on the Iowa State University campus in Ames.

Keywords
Agronomy

Disciplines
Agricultural Science | Agriculture | Agronomy and Crop Sciences

This article is available at Iowa State University Digital Repository: http://lib.dr.iastate.edu/cropnews/1148
Table 1. Nitrogen rate guidelines in Iowa for different N and corn grain prices.

<table>
<thead>
<tr>
<th>Price Ratio1</th>
<th>Corn following Soybean</th>
<th>Corn following Corn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rate2</td>
<td>Range3</td>
</tr>
<tr>
<td>$/lb/$bu</td>
<td>-</td>
<td>lb N/acre</td>
</tr>
<tr>
<td>0.05</td>
<td>145</td>
<td>126–169</td>
</tr>
<tr>
<td>0.10</td>
<td>123</td>
<td>108–144</td>
</tr>
<tr>
<td>0.15</td>
<td>110</td>
<td>94–126</td>
</tr>
<tr>
<td>0.20</td>
<td>96</td>
<td>83–112</td>
</tr>
</tbody>
</table>

1Price per lb N divided by the expected corn price. For example, N at $0.30/lb N and corn at $3.00/bu is a 0.10 price ratio.

2Rate is the lb N/acre that provides the maximum return to N (MRTN). All rates are based on results from the Corn N Rate Calculator as of Sept. 1, 2006, which can be accessed at http://extension.agron.iastate.edu/soilfertility/nrate.aspx.

3Range is the range of profitable N rates that provides a similar economic return to N (within $1.00/acre of the MRTN).

Resources for N application decisions

Concepts and Rationale for Regional Nitrogen Rate Guidelines for Corn (PM 2015) can be ordered through any ISU Extension county office, on the Web through the ISU Extension Distribution Center’s online store at www.extension.iastate.edu/store, or by calling (515) 294-5247. An electronic copy is available at www.extension.iastate.edu/Publications/2015.pdf.

The Soil Fertility Web site is located at http://extension.agron.iastate.edu/soilfertility.

John Sawyer is an associate professor with research and extension responsibilities in soil fertility and nutrient management.

Announcements

ISU Extension offers crop scout course
by Brent Pringnitz, Department of Agronomy

If you plan to work as a crop scout for the 2007 crop season, you will want to attend the upcoming Crop Scout School offered by Iowa State University Extension. Hands-on sessions will cover identification and scouting methods for weeds, insects, and diseases. Workshops on plant growth and development of corn, soybean, and alfalfa will be included along with discussion of common field crop problems.

Crop Scout School will be held Saturday, March 3, 2007, on the Iowa State University campus in Ames. Registration opens at 7:30 a.m. in Farm Bureau Pavilion with sessions beginning at 8:00 a.m. and ending at 5:00 p.m. Scout School is limited to 120 participants and preregistration is required. The program brochure and registration form are posted on the Web at www.aep.iastate.edu.

The cost is $70. Registration and fees must be received by February 27, 2007. Registrations will not be accepted at the door for this program. Registration includes a scouting notebook, crop management clipboard, and hand lens.

Scouts attending the March session also can participate in a follow-up session at the Field Extension Education Laboratory (FEEL) in Ames on June 7, 2007. This afternoon session will test your problem-solving skills in actual field conditions and is only open to those attending the 2007 IPM Crop Scout School. This session is included in registration fee.

Registration can be completed online with a credit card (MasterCard or VISA only) at www.aep.iastate.edu. Registrations also may be faxed with a credit card to (515) 294-1311 or be mailed along with a check or credit card information to ISU Agribusiness Education Program, 2104B Agronomy Hall, Ames, Iowa 50011-1010. For more information, contact the Agribusiness Education Program at (515) 294-6429 or e-mail aep@iastate.edu.

This program is sponsored by the ISU Integrated Pest Management Program and the Departments of Agronomy, Entomology, and Plant Pathology.

Brent Pringnitz is coordinator of the Agribusiness Education Program.