

CHECK OUT OUR EVOLVING WEBSITE AT  
[HTTP://WWW.EXTENSION.IASTATE.EDU/  
WINE](http://www.extension.iastate.edu/wine)



Seyval grapes growing at  
the ISU Research Farm

The Midwest Grape & Wine Industry Institute at Iowa State University was approved by the Iowa Board of Regents in September 2006. The Institute is the first of its kind in Iowa.

Presently, there are 71 licensed wineries and 400+ vineyards in Iowa. The potential economic opportunities in wineries, value-added agriculture and tourism are limitless.

**Purpose:**

The purpose of the Midwest Grape & Wine Industry Institute is to provide excellence in grape growing and wine-making (Enology), research, teaching and Extension education to support the development of the Midwest's growing grape & wine industry.

**Services offered in  
Viticulture & Enology:**

**Grape & Wine Research**

**Wine Lab Services**

**Www site**

**Workshops/Short courses**

**Wine Growers News**

**One-on-One Consultations**

**Site visits**

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**IOWA STATE UNIVERSITY**

**MIDWEST GRAPE &  
WINE INDUSTRY  
INSTITUTE**



ISU Extension &  
Department of Food Science and  
Human Nutrition

# MIDWEST GRAPE & WINE INDUSTRY INSTITUTE



2008 Iowa Wine Growers Association Annual Meeting participants listen to Enology lectures at the Des Moines Area Community College in Ankeny, Iowa.

## Goals of the Institute include:

- Conduct research to evaluate cold-hardy grape varieties that can thrive in the Midwest.
- Conduct enology (the science of wine and winemaking) research.
- Develop a wine quality award program that will provide wine buyers a quality-assurance stamp of approval.
- Establish an outreach program to the industry by training a team of specialists.
- Partner with community colleges to develop job training programs specific to growing grapes and making wine.

## MGWII LAB

THE WINE LAB IS FURNISHED WITH STATE-OF-THE-ART EQUIPMENT TO PROVIDE DIAGNOSTIC SERVICES ON SAMPLES SUBMITTED BY INDUSTRY MEMBERS; GRAPE AND WINE RESEARCH FOCUSING ON WINE QUALITY; AND PROVIDING EDUCATIONAL OPPORTUNITIES FOR STUDENTS. FOR MORE INFORMATION PLEASE VISIT OUR WEBSITE AT: [WWW.EXTENSION.IASTATE.EDU/WINE](http://WWW.EXTENSION.IASTATE.EDU/WINE).



The Institute's new GC (Gas Chromatograph) and MS (Mass Spectrometer) are used primarily for the identification and quantification of volatile substances that influence the aroma of wine.



MEMBERS OF BOTH ISU AND THE WINE INDUSTRY ARE PLEASED WITH THE NEW HPLC (HIGH PERFORMANCE LIQUID CHROMATOGRAPH) SYSTEM AT THE INSTITUTE. USING TWO DETECTORS, THIS INSTRUMENT IS USED FOR THE IDENTIFICATION AND QUANTIFICATION OF ORGANIC ACIDS, SUGARS, AND PHENOLIC COMPOUNDS IN JUICE AND WINE.

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