



To: Alfalfa Breeders and Merchants
From: Darin Joos, Senior Research Specialist
Re: The University of Illinois Alfalfa Variety Trials

The enclosed application should be used to enter varieties into the 2009 Illinois Alfalfa Variety Trials. We at the University of Illinois believe it is very important to have current performance information available to the farmers of Illinois. The Alfalfa Variety Trials will assist you in evaluating genetic materials over different environments, in comparing your varieties with others, and as an educational tool as you introduce new varieties to farmers. Performance reports issued by this program are generally regarded as the premier source of objective third party information on forage varieties in Illinois. Your continued participation will ensure the newest and best varieties are compared in these trials.

Again for 2009: we will be accepting Visa, Master Card, Discover, and American Express for your convenience. If you would like to take advantage of this payment method please contact Darin Joos at (217) 333-1194 to process your payment.

Alfalfa variety trials will be planted at two locations in 2009 by the University of Illinois, Department of Crop Sciences. These trials are established to provide an opportunity for testing both commercial and experimental alfalfa varieties. The testing fee is **\$450 per entry per location**. 2009 seeding locations will be Freeport and Urbana (see map). **Please visit our website (<http://vt.cropsci.uiuc.edu>) for an electronic copy of this form that you can complete and email.**

Again this year we will offer the no insecticide trial at all locations. All aspects of the trial will be identical to our regular trial except no insecticides will be applied. There is a separate application labeled **NO INSECTICIDES** attached.

If you are entering varieties you do not market please provide the information requested about the marketer of each variety(s). You may list multiple varieties under one address for your convenience. Also please indicate who should get the results, you or both, by checking the appropriate box.

NAAIC has provided a website for companies to enter the name, disease and fall dormancy rating of their varieties. This site will save you time and allow each state to use the same varietal information. Please visit <http://www.naaic.org/newvars.html>.

A trial will be located near Freeport, in Stephenson County. This county has by far the largest dairy herd in Illinois, and so has a large number of alfalfa acres. This trial is located on a top dairy producers farm, and is monitored with the help of Rockford-based Extension personnel. Data from the trial will be very useful to dairy producers, feedlots and beef cow-calf enterprises in northwestern Illinois.

A trial will be located on the Crop Sciences Research & Education Center, near the Urbana campus, which serves as a good location in terms of frequent observation. It is also a productive location, with high yields quite common. The longest continuous records of alfalfa variety evaluations in Illinois exist here. This location serves a large area in Central Illinois, in which there are producers of cash hay, beef cow-calf, dairy, and pleasure horse stable operators.

Commercial and experimental entries will be seeded in the spring or, if weather does not permit, in the late summer planting period. Plots will be 20 feet long and consist of five 6" rows. There will be four replications. Herbicides will be used to control weeds. Entries will be clipped once in the seeding year before any yields are taken. All plots will be harvested for three years beyond the seeding year (four harvests are expected per year at each location) unless stands are depleted sooner.

Seed for **COMMERCIAL VARIETIES** must be obtained from commercially available sources. We will participate in the North American Alfalfa Improvement Conference seed distribution system, under which the University of Wisconsin [Dr. Dan Undersander (608-263-5070)] will provide us with seed of commercial varieties. If seed of your commercial variety is not available via the U. of Wisconsin program, call our office by March 3 and we will make arrangements for a seed sample to be obtained locally.

EXPERIMENTAL VARIETIES will be tested and identified as such in the final report. Since seed of these will not, of course, be available through the NAAIC program, you will need to send us seed of each experimental line. Results will be published for all entries, and names of varieties listed as they appear on the NAAIC webpage, unless the seed company contacts us with changes. Data from an experimental line will not be added to the data of a commercial variety derived from that experimental line.

Please send **100 grams of seed for each location**. We need to receive this seed by **March 1**. All seed should be treated with a fungicide by each company, **we will not treat any seed with a fungicide**, all seed will be inoculated with Rhizobium prior to planting.

Every possible effort will be made to plant, harvest and calculate the results of every entry accepted. However, should a natural calamity occur, causing loss of crop and data, no financial liability, including return of testing fees is either expressed or implied.

2009 FORAGE LOCATIONS



2009 UNIVERSITY OF ILLINOIS ALFALFA VARIETY TRIALS

Please return this application by **March 1, 2009** to:
 Darin Joos
 University of Illinois, Variety Testing
 2009 South Wright St, Urbana, IL 61801
 Phone: 217-333-1194 Fax: 217-244-5524
 e-mail: joos@uiuc.edu

COMPANY _____

INDIVIDUAL _____

ADDRESS _____

ADDRESS _____

PHONE _____

PHONE _____

E-Mail _____

E-Mail _____

Please mark an "X" where each variety is to be entered:

Variety Name	Type*	Freeport	Urbana

No. Of Entries = _____ x \$450.00= _____

* Please mark each entry as one of the following types:

A: Commercial variety from common seed stock: We will request seed for these varieties from the University of Wisconsin.

B: Commercial variety from local source: The company should contact us to help locate a local source of seed for the varieties which are **not** available from the University of Wisconsin.

C: Experimental variety: Companies will need to send us seed of these varieties using the address below. Please provide **100 grams of seed for each variety per location.**

PLEASE RETURN THIS FORM BY MARCH 1, 2009, accompanied with the payment of **\$450.00 per entry per location**. Make the check payable to the **UNIVERSITY OF ILLINOIS**.

Please send seed by March 1, 2009 to: Darin Joos, University of Illinois, Variety Testing, 2009 South Wright St., Urbana, IL 61801. **We will not treat any seed with fungicide, please send treated seed for each entry, experimental or commercial, if so desired.**

Signature: _____

ALFALFA MARKETER INFORMATION

If varieties entered by your company are marketed by another company please provide the following:

Variety(s)	Marketer Name	Address	City	ST	Zip	Phone

Who get results: Entrant Marketer Both Other (please provide)

2009 ALFALFA DISEASE RATINGS AND FALL DORMANCY

Has the information below been entered on the NAAIC web site ? <http://www.naaic.org/newvars.html>
 Please check one: Yes No if no please fill out the table below for each variety not on the NAAIC web site.

Enter the appropriate rating in each column:

VARIETY	FD*	BW	VW	FW	AN	PR	APH ¹	APH ²	PA	SN	RN	LH

These ratings will be included with the final publication of results.

Enter the appropriate Resistance Class for the following:	Resistance Class ----- HR = High Resistance R = Resistant MR = Medium Resistance LR = Low Resistance S = Susceptible ND = Not Determined	% Resistant Plants ----- >50 31-50 15-30 6-14 0-5	*Fall Dormancy Rating 1 = Maverick 2 = Vernal 3 = 5246 4 = Legend 5 = Archer 6 =ABI 700 7 = Dona Ana 8 = Pierce 9 = CUF 101
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FD = Fall Dormancy * BW= Bacterial Wilt VW =Verticillium Wilt FW = Fusarium Wilt AN = Anthracnose PRR = Phytophthora Root Rot APH ¹ = Aphanomyces Race 1 APH ² = Aphanomyces Race 2 SN = Stem Nematode PA = Pea Aphid RN = Root Knot Nematode LH = Leafhopper
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2009 UNIVERSITY OF ILLINOIS ALFALFA VARIETY TRIALS NO INSECTICIDES

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INDIVIDUAL _____

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 VW = Verticillium Wilt
 FW = Fusarium Wilt
 AN = Anthracnose
 PRR = Phytophthora Root Rot
 APH¹ = Aphanomyces Race 1
 APH² = Aphanomyces Race 2
 SN = Stem Nematode
 PA = Pea Aphid
 RN = Root Knot Nematode
 LH = Leafhopper