Horticulture and Crop Science
2021 Coffey Rd.
Columbus, Ohio 43210

Phone (614) 325-6740
Fax (614) 292-7162

January 9, 2018

Dear Alfalfa Variety Testing Cooperators,

One new alfalfa variety trial will be planted in the spring of 2018 at North Baltimore, Ohio. The trial will be a standard trial (**sprayed for insect control**); duration will be 4-years, assuming adequate stand and persistence. Potato Leafhopper (PLH) varieties will be treated with insecticide unless sufficient entries are entered to warrant separation.

Attached please find the appropriate entry form and fee payment information. Return the completed entry forms, seed and fee payment by March 1, 2018 to the address on the application form. Make checks payable to The Ohio State University.

****Special Note****

All seed must come from the breeder or marketer for each variety.

We look forward to your participation in our trials. Your cooperation and support is greatly appreciated. If you have any questions or comments, feel free to contact me at:
e-mail, mccormick.44@osu.edu or phone (614) 325-6740.

Results and downloadable files are available on the web https://u.osu.edu/perf/ Web site information will include the list of marketers for each variety and a link to their website, as provided on the application form. For increased exposure to your products, please provide website address. Copies will also be sent via e-mail to each participant soon after the last harvest.

We have made the application available on the web at https://u.osu.edu/perfentry/. The web version is a PDF file where you can list your entries then e-mail the application to mccormick.44@osu.edu.

Ohio Alfalfa Variety Evaluation Trials

Objective: To collect dry matter yield data on alfalfa varieties so that Ohio producers can select the variety which best suits their needs, while providing breeders and researchers with information to assist them in determining the area of adaptation for experimental lines.

Test Site: South Charleston, Ohio.

Entry Fee: $485 for each alfalfa variety entry.

Eligible Entries: Experimental and commercial alfalfa varieties.

Seeding Details: Trial will be spring-seeded at 16 lbs/acre. Individual plot size will be 4 x 20 feet. A randomized complete block design with four replications will be used and data will be analyzed using Nearest Neighbor AOV. Soil fertility, insect and weed control, and harvest management will be according to recommendations of The Ohio State University Extension.

Trial Duration: Seeding year plus three years after establishment.

Insecticide Use: Standard Trial (**sprayed**): Insecticide will be used to control all pests.

Seed Requirements: **100 grams of seed per entry**. **Seed of experimental and commercial varieties needs to come from the breeder or marketer of each variety.** We will inoculate seed with Rhizobium before planting, but no other seed treatments will be applied by OSU.

Data Collection:
Alfalfa variety trials:

Forage DM yield, 2 cuts seeding year, 3 or 4 cuts the following years (at early flower).
Visual (% stand) density in the fall.

Publication of Results: Data will be compiled annually and a summary supplied to each participant. In addition, variety test data for commercial entries will be published in an annual Ohio State University Forage Performance Report for state and regional distribution, including publication on the Internet at https://u.osu.edu/perf/ and in Ohio's Country Journal magazine in December each year.

OHIO ALFALFA PERFORMANCE TESTING

Due at Columbus: March 1, 2018

*****Use ONE application form for each entry *****

1. Entry Name

1a. **Commercial** variety _____

1b. **Experimental** variety _____

2. Location of Trial for this Entry

5a. North Baltimore: Standard Alfalfa Yield (NB) ($485)

_____

Seed Lot Instructions:

Commercial Entries
100 g. of seed per entry from the breeder or marketer should be sent to John McCormick at above address.

Experimental Entries
100 g. of seed per entry needs to be sent directly from the applicant to John McCormick at above address.

Please make check payable to:
The Ohio State University
This application and check is due by **March 1** at:
John McCormick
The Ohio State University
202 Kottman Hall
2021 Coffey Rd.
Columbus, Ohio 43210-1043

614-325-6740 / 614-292-7162 fax
mccormick.44@osu.edu

Breeder / Developer:

Company _____

Contact _____

Address _____

City, State ZIP _____

Phone/FAX _____

E-Mail Address _____

Web Address _____

Affidavit: I certify that the submitted seed is a true sample of the designated entry. I will not hold the University or its staff responsible for failure to obtain stands or growth due to unfavorable climatic conditions.

Signature: (required) _____

Primary Marketer of Seed in Ohio:

(commercial entries only)

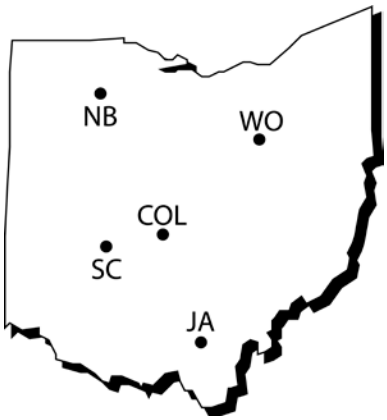
Company _____

Contact _____

Address _____

City, State ZIP _____

Phone/FAX _____

E-Mail address _____

Web Address _____