

Receipt No. _____

Signature of University Rep

**2014 MARYLAND ROUNDUP READY SOYBEAN VARIETY TEST
ENTRY FORM**

Company Name & Address: _____

Contact Person: _____ Phone: _____

E-mail: _____ FAX: _____

Brand	Variety	Maturity Group* Or RM	Resistant to Cyst nematode? (Yes or No)	Herbicide Reactions? (RR,RR2Y, STS)	Fee** \$240 (or \$160 for Group 5)

Total _____

*Maturity Groups: III - V or Relative Maturity 3.0-5.9. Group V will only be grown East of Bay. Late maturing Group IV varieties (RM 4.6-4.9) will be grouped together in each test.

Fee: Maturity Group III and IV varieties- **\$ 240.00 per entry (6 tests)

Maturity Group V varieties- **\$ 160.00** per entry (4 tests- East of Bay)

Make check payable to "University of Maryland" and return with this form before April 1 to address below. Under separate cover send 10 pounds of seed of each entry before April 8 to the address below.

Dr. W.J. Kenworthy
University of Maryland Research Greenhouse
398 Regents Drive
College Park, MD 20742



UNIVERSITY OF MARYLAND

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
Department of Plant Science and Landscape Architecture

2102 Plant Sciences Building
College Park, Maryland 20742
301.405.4356 TEL 301.314.9308 FAX

February 11, 2014

Dear Maryland Soybean Variety Test Cooperators,

Enclosed is the information for the 2014 Maryland Soybean Variety Tests. There are no major changes in the tests for 2014. Only Roundup Ready (RR, RR2Y) and Roundup Ready varieties with stacked traits will be evaluated. For 2014, the varieties will be evaluated in six tests and will be sprayed with Roundup. Full-season and double-crop tests will be established. Specific details for the tests are described in the attached pages. Late Maturity Group 3 through mid- Maturity Group 5 varieties are best adapted to Maryland. Maturity Group 5 varieties are restricted to the tests east of the Chesapeake Bay.

Copies of the final written reports covering the results from last year's variety tests are available from the menu on the Cropping System webpage- <http://www.mdcrops.umd.edu>. The University is recruiting a person to take over the operation and management of the soybean variety test. We hope to have the new person on staff by April 1. Until the new person arrives, I have agreed to serve as the contact person for collecting entries and handling questions about the tests. I look forward to working with you as we prepare for the 2014 test. **I would like to have the entry forms by APRIL 1 and the seed by APRIL 8.** I realize seeds for some entries may be coming from South America, and we will work with you in an attempt to hold space for those entries if they arrive after this date. You may wish to delay sending the check for the entry fees if there is concern about winter nursery seeds of an entry arriving in time for the test.

Please do not hesitate to call or email if I can provide you with additional information. If you can not participate in the tests this year, I would appreciate a short message to that effect to help our planning for the season. My cell phone number is 202 375-9718, FAX number is 301 314-0451, and email is wkenwort@umd.edu .

Sincerely,

William J. Kenworthy, Emeritus Professor

UNIVERSITY OF MARYLAND ROUNDUP READY TEST

- I. Objective:

To provide growers with agronomic performance data on Roundup Ready soybean varieties.

- II. Procedures:
 - A. Entries: Soybean seed producers or companies may enter varieties or brands of Roundup Ready (RR or RR2Y) soybeans of Maturity Groups III, IV, or V.

 - B. Location of Tests: A total of six tests will be established at these sites: West of Bay: Western Maryland Research and Education Center (Washington County), and Clarksville Facility of Central Maryland Research and Education Center (Howard County). East of Bay: Wye Research and Education Center (Queen Anne's County)—full-season and double-cropped tests and Poplar Hill Facility of Lower Eastern Shore Research and Education Center (Wicomico County)—full-season and double-cropped tests.

 - C. Field Plot Design: All tests will be conducted in a randomized complete block design with three replications. Entries of the same maturity group will be grown in adjacent plots.

All entries will be evaluated in multi-row plots that are at least 20 feet in length. A row spacing of 24 inches or less will be used. At least one test will be planted with a grain drill.

A seeding rate of 6 to 7 seeds/foot of row will be used in tests having a row spacing of 24 inches. Approximately 3 to 4 seeds/foot of row will be used for tests planted with a grain drill. None of the plots will be thinned to establish any specific population following seeding. Recommended fertility and pest control measures will be followed in the establishment of each test. Only Roundup herbicide will be used to control weeds in the plots.

 - D. Measurements: Efforts will be made to collect the following data on each entry: seed yield of a 16-foot section of the center rows of each plot, mature plant height, and lodging score.

- III. Publication of Results:

Data of all entries will be published annually in Agronomy Facts No. 32. Each individual or company submitting entries will be furnished a copy of the current

year's data as soon as it has been published. The presentation of data for the entries tested does not imply approval or endorsement by the University of Maryland. Any reproduction of data from the above publication must give the name, number, and date of the publication from which the data originated. Data will also be available through the University of Maryland Cropping System web page <http://www.mdcrops.umd.edu>

IV. Entry Fee:

To partially cover the expense of the Roundup Ready soybean variety test, a fee is charged to companies and individuals who submit varieties for testing. The fee will be \$240.00 per entry for varieties of Maturity Groups III and IV. Because entries in Maturity Group V are not grown in all tests, the entry fee is lower. The fee for varieties of Maturity Group V is \$160.00 per entry. Please make check payable to the University of Maryland and attach to the entry form.

Every possible effort will be made to plant, harvest, and summarize the results of each entry. However, if unforeseen circumstances or weather conditions occur, causing loss of the crop and data, no financial liability, including return of test fees, is either expressed or implied.

V. Quantity of Seed Required:

For each Roundup Ready soybean variety 10 pounds of seed will be needed.

VI. Method of Shipping Seed:

All seed should be shipped pre-paid to:

Dr. W.J. Kenworthy
University of Maryland Research Greenhouse
398 Regents Drive
College Park, MD 20742

VII. Closing Date for Accepting Entries:

An entry blank for listing and describing the soybean entries is attached. This form and a check for the required fees must be completed and returned not later than April 1. Likewise, all seed samples must be in College Park not later than April 8.

VIII. Questions:

Please call William Kenworthy: (202) 375-9718, or FAX (301) 314-0451.