

MONSANTO CO /NEW/

Form 8-K

April 04, 2007

As Filed with the Securities and Exchange Commission on April 4, 2007

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE

SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): April 4, 2007

MONSANTO COMPANY

(Exact Name of Registrant as Specified in its Charter)

Delaware
(State of Incorporation)

001-16167
(Commission File Number)

43-1878297
(IRS Employer Identification No.)

800 North Lindbergh Boulevard

St. Louis, Missouri 63167

(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: **(314) 694-1000**

Not Applicable

(Former Name or Former Address, If Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13a-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 2.02. Results of Operations and Financial Condition.

On April 4, 2007, Monsanto Company issued a press release announcing its second quarter 2007 financial and operating results for the period ended Feb. 28, 2007. This press release is furnished as Exhibit 99 hereto and incorporated herein by reference.

The press release furnished herewith uses the non-GAAP financial measure of earnings per share (EPS) on an ongoing basis. Our ongoing EPS financial measure excludes certain after-tax items that we do not consider part of ongoing operations, which are identified as such in the reconciliation. We believe that our ongoing EPS financial measure presented with these adjustments best reflects our ongoing performance and business operations during the periods presented and is more useful to investors for comparative purposes. In addition, management uses the ongoing EPS financial measure as a guide in its budgeting and long-range planning processes, and as a guide in determining incentive compensation. The presentation of EPS on an ongoing basis is intended to supplement investors' understanding of our operating performance. This non-GAAP financial measure may not be comparable to similar measures used by other companies.

We are furnishing the information contained in this report, including the Exhibit, pursuant to Item 2.02 Results of Operations and Financial Condition of Form 8-K promulgated by the Securities and Exchange Commission (SEC). This information shall not be deemed to be filed for the purposes of Section 18 of the Securities Exchange Act of 1934 (Exchange Act) or otherwise subject to the liabilities of that section, unless we specifically incorporate it by reference in a document filed under the Securities Act of 1933 or the Exchange Act. By filing this report on Form 8-K and furnishing this information, we make no admission as to the materiality of any information in this report, including the Exhibit.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits

The following exhibit is filed herewith:

Exhibit 99 Press Release, dated April 4, 2007, issued by Monsanto Company

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: April 4, 2007

MONSANTO COMPANY

By: /s/ Jennifer L. Woods

Name: Jennifer L. Woods
Title: Assistant Secretary

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
99	Press Release, dated April 4, 2007, issued by Monsanto Company