

MONSANTO CO /NEW/

Form 4

October 19, 2009

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

Check this box  
if no longer  
subject to  
Section 16.  
Form 4 or  
Form 5  
obligations  
may continue.  
See Instruction  
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Ringenberg Nicole M

(Last) (First) (Middle)

800 N. LINDBERGH BLVD.

(Street)

ST. LOUIS, MO 63167

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading  
Symbol

MONSANTO CO /NEW/ [MON]

3. Date of Earliest Transaction  
(Month/Day/Year)

10/15/2009

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title below) \_\_\_\_ Other (specify below)

VP, Fin &amp; Ops, Global Comm'l

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired (A)<br>or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Ownership<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Common<br>Stock                       | 10/15/2009                              |                                                             | M                                    | V Amount (A) or (D) Price<br>17,000 A \$ 8.0725                         | 17,000                                                                                                             | D                                                                       |                                                                                |
| Common<br>Stock                       | 10/15/2009                              |                                                             | S                                    | 17,000 D \$ 78.12<br>(1)                                                | 0                                                                                                                  | D                                                                       |                                                                                |
| Common<br>Stock                       |                                         |                                                             |                                      |                                                                         | 6,433                                                                                                              | I                                                                       | By 401(k)<br>Plan                                                              |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of  
information contained in this form are not  
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SEC 1474  
(9-02)

number.

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |
|-----------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|
|                                                     |                                                                    |                                         |                                                             | Code                                 | V (A) (D)                                                                                                    | Date Exercisable<br>Expiration Date                            | Title<br>Amount<br>or<br>Number<br>of Shares                        |
| Option<br>(Right to<br>Buy)                         | \$ 8.0725                                                          | 10/15/2009                              |                                                             | M                                    | 17,000                                                                                                       | 04/25/2004 <sup>(2)</sup> 04/25/2013                           | Common<br>Stock 17,000                                              |

## Reporting Owners

**Reporting Owner Name / Address****Relationships**

Director 10% Owner Officer Other

Ringenberg Nicole M  
800 N. LINDBERGH BLVD.  
ST. LOUIS, MO 63167

VP, Fin &amp; Ops, Global Comm'l

## Signatures

Jennifer L. Woods,  
Attorney-in-Fact

10/19/2009

Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) This price represents the weighted average sale price for multiple transactions reported on this line. The price of the transactions reported on this line ranged from \$78.07 to \$78.17. Upon request by the Commission staff, the issuer or a security holder of the issuer, the reporting person will undertake to provide full information regarding the number of shares sold at each separate price.

(2) One-third of the options became exercisable on April 25, 2004, one-third of the options became exercisable on March 15, 2005 and one-third of the options became exercisable on March 15, 2006, subject to the terms of the Monsanto Company Long-Term Incentive Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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