

MORLEY CHERYL P
 Form 4
 November 02, 2004

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
MORLEY CHERYL P

(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)
10/29/2004

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. VP Corporate Strategy

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock					18,132	D	
Common Stock					7,662 ⁽¹⁾	I	By 401(k) Plan

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

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 (9-02)

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).
Previous Form 4 filings beginning in March 2004 included shares of phantom stock acquired under the Monsanto Company ERISA Parity Savings and Investment Plan, an excess benefit plan. The phantom shares are now being reported separately on Table II. The amount now shown on Table I represents only the shares held in the Monsanto Company Savings and Investment Plan, a qualified 401(k) plan.
- (1) Options become exercisable in three equal installments on each of November 15, 2005, November 15, 2006 and November 15, 2007, subject to the terms and conditions of the Monsanto Company Long Term Incentive Plan.
- (3) Options become exercisable in three equal installments on each of March 15, 2005, March 15, 2006 and March 15, 2007, subject to the terms and conditions of the Monsanto Company Long Term Incentive Plan.
- (4) 50% of options became exercisable on each of March 15, 2002 and March 15, 2003.
- (5) Options become exercisable in three equal installments on April 25, 2004, March 15, 2005 and March 15, 2006, subject to the terms of the Monsanto Company Long Term Incentive Plan.
- (6) Options become exercisable in three equal installments on June 17, 2004, March 15, 2005 and March 15, 2006, subject to the terms of the Monsanto Company Long Term Incentive Plan.
- (7) No transaction is reported on this Form 4 for these options.
- (8) 1 for 1
- (9) The reported phantom shares units were acquired under Monsanto Company's excess benefit plan and are to be settled upon the reporting person's retirement or other termination of service.

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.