

MONSANTO CO /NEW/  
Form 4  
October 03, 2002

**FORM 4**

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

OMB APPROVAL

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**

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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

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1. Name and Address of Reporting Person* <b>Fralely Robert T.</b> (Last) (First) (Middle)			2. Issuer Name and Ticker or Trading Symbol <b>Monsanto Company (MON)</b>			6. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Executive Vice President, Chief Technology Officer</b>		
800 N. Lindbergh Blvd.			3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary)			4. Statement for Month/Day/Year <b>October 1, 2002</b>		
(Street) <b>St. Louis, MO 63167</b>			5. If Amendment, Date of Original (Month/Day/Year)			7. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

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 & 5)			5. Amount of Securities Beneficially Owned Following Reported Transactions(s) (Instr. 3 & 4)		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price									
<b>Common Stock</b>												<b>106,370<sup>(1)</sup></b>		<b>D</b>		

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

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

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**FORM 4 (continued) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 & 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported	10. Ownership Form of Derivative Security:	11. Nature of Indirect Beneficial Ownership (Instr. 4)
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		Year)	(D)		Date	Expira- tion Date	Title	Amount or Number of Shares	Transaction(s) (Instr. 4)	Direct (D) or Indirect (I) (Instr. 4)	
			Code V	(A) (D)							
<b>Option (right to buy)</b>	<b>\$20.00</b>				<sup>(2)</sup>	<b>10/16/10</b>	<b>Common Stock</b>	<b>391,120</b>	<b>391,120</b>	<b>D</b>	
<b>Phantom Shares</b>	<b>1-for-1</b>	<b>10/01/02</b>	<b>D<sup>(3)</sup></b>		<b>181,903</b>	<b>10/01/02</b>	<b>Common Stock</b>	<b>181,903<sup>(4)</sup></b>	<b>\$15.47<sup>(5)</sup></b>	<b>391,120</b>	<b>D</b>

Explanation of Responses:

(1) Includes: (i) 4,039 shares of the Issuer's common stock received by the Reporting Person as a dividend distribution from Pharmacia Corporation in connection with Pharmacia Corporation's August 13, 2002 spin-off of its entire ownership interest in the Issuer to shareholders of Pharmacia Corporation; and (ii) 2,331 shares of the Issuer's common stock held by the Reporting Person in the Issuer's Savings and Investment Plan.

(2) 50% of the options became exercisable on March 15, 2002 and 50% become exercisable on March 15, 2003, subject to the terms of the Monsanto 2000 Management Incentive Plan.

(3) A Phantom Share Agreement was entered into among the Reporting Person, the Issuer and Pharmacia Corporation pursuant to which the Reporting Person agreed to the termination of his change-of-control agreement with Pharmacia Corporation as of the closing of the Issuer's initial public offering completed October 23, 2000. The Phantom Share Agreement provides that the phantom share accounts vest on October 1, 2002, provided that the Issuer achieves a performance goal requiring it to have positive net income for its 2001 fiscal year and that the Reporting Person remain employed by the Issuer through October 1, 2002. On February 20, 2002, the People & Compensation Committee of the Issuer certified the achievement of the positive net income performance goal. The Phantom Share Agreement provides further that the phantom share accounts are to be settled in cash upon vesting based on the number of phantom shares allocated to the Reporting Person's phantom share account as of the date of vesting multiplied by the average closing price of the Issuer's common stock over the 10 trading days immediately preceding the vesting date.

(4) Includes 176,650 shares of phantom stock originally allocated to the Reporting Person's phantom share account and 5,253 shares of phantom stock issued as dividends with respect to such originally allocated phantom shares.

(5) Calculated as the average per share closing price of the Issuer's common stock over the 10 trading days immediately preceding the October 1, 2002 vesting date.

(6) Michael D. Bryan, attorney-in-fact for Robert T. Fraley pursuant to a Power of Attorney previously filed.

By: /s/ **Michael D. Bryan<sup>(6)</sup>**

**10/03/02**

Date

\*\*Signature of Reporting Person

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

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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