**MIZELL STEVEN** 

Form 4

January 15, 2013

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

**OMB APPROVAL** 

response...

subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MIZELL STEVEN			2. Issuer Name <b>and</b> Ticker or Trading Symbol MONSANTO CO /NEW/ [MON]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(Last) (First) (Middle)		3. Date of Earliest Transaction	(Check all applicable)		
800 N. LINDBERGH BLVD.		VD.	(Month/Day/Year) 01/11/2013	Director 10% Owner Selfont of the control of the		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
CT LOUIS N	MO 62167		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
ST. LOUIS, MO 63167				Person		

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative	e Secu	rities Acquire	ed, Disposed of, o	or Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) or TransactiorDisposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	urities Ownership neficially Form: ned Direct (D) lowing or Indirect ported (I)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	(Instr. 4)	
Common Stock	01/11/2013		M	6,600	A	\$ 70.69	51,762	D	
Common Stock	01/11/2013		M	10,600	A	\$ 58.71	62,362	D	
Common Stock	01/11/2013		M	6,300	A	\$ 74.79	68,662	D	
Common Stock	01/11/2013		S	23,500	D	\$ 100.2097 (1)	45,162	D	
Common Stock	01/14/2013		S	670	D	\$ 100.31	44,492	D	

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Common Stock	01/14/2013	M	1,800	A	\$ 74.79	46,292	D	
Common Stock	01/14/2013	S	1,800	D	\$ 100.6221 (2)	44,492	D	
Common Stock						4,940	I	By 401(k)

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

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SEC 1474

(9-02)

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. Transactio Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Option (Right to Buy)	\$ 70.69	01/11/2013		M		6,600	11/15/2010(3)	10/26/2019	Common Stock	6,600
Option (Right to Buy)	\$ 58.71	01/11/2013		M		10,600	11/15/2011 <u>(4)</u>	10/25/2020	Common Stock	10,600
Option (Right to Buy)	\$ 74.79	01/11/2013		M		6,300	11/15/2012 <u>(5)</u>	10/24/2021	Common Stock	6,300
Option (Right to Buy)	\$ 74.79	01/14/2013		M		1,800	11/15/2012 <u>(5)</u>	10/24/2021	Common Stock	1,800

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Exec. VP Human Resources

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MIZELL STEVEN 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167

### **Signatures**

Jennifer L. Woods, Attorney-in-Fact

01/15/2013

\*\*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).
- This price represents the weighted average sale price for multiple transactions reported on this line. The price of the transactions reported (1) on this line ranged from \$100.07 to \$100.33. 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.
- 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 \$100.62 to \$100.625. 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.
- One-third of the options become exercisable on November 15, 2010, one-third of the options became exercisable on November 15, 2011 and the remainder of the options became exercisable on November 15, 2012, subject to the terms and conditions of the Monsanto Company 2005 Long Term Incentive Plan.
- One-third of the options became exercisable on November 15, 2011, one-third of the options became exercisable on November 15, 2012 and the remainder of the options become exercisable on November 15, 2013, subject to the terms and conditions of the Monsanto Company 2005 Long Term Incentive Plan.
- One-third of the options became exercisable on November 15, 2012, one-third of the options become exercisable on November 15, 2013 and the remainder of the options become exercisable on November 15, 2014, subject to the terms and conditions of the Monsanto Company 2005 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. 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.

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