## Edgar Filing: MIZELL STEVEN - Form 4

MIZELL OTEVEN

Form 4											
January 18,	2011										
Wasnington, D.C. 20549 Number:								OMMISSION	OMB	3235-0287	
(Print or Type	Responses)										
1. Name and Address of Reporting Person <u>*</u> MIZELL STEVEN			2. Issuer Name <b>and</b> Ticker or Trading Symbol MONSANTO CO /NEW/ [MON]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle) 800 N. LINDBERGH BLVD.			3. Date of Earliest Transaction (Month/Day/Year) 01/13/2011					Director 10% Owner X Officer (give title Other (specify below) below) Exec. VP Human Resources			
ST. LOUIS						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	Tab	le I - Non-l	Derivative	Secui	rities Acqu	uired, Disposed of,	or Beneficiall	v Owned	
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if		(A) or				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 Indirect Beneficial Ownership (Instr. 4)		
Common Stock	01/13/2011			S	12,750	(D) D	\$ 74.6050	6 7,756	D		
Common Stock							_	5,319	Ι	By 401(k) 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 required to respond unless the form displays a currently valid OMB control number.

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 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. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Unde Secur	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MIZELL STEVEN 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167			Exec. VP Human Resources				
Signatures							
Jennifer L. Woods, Attorney-in-Fact		01/18/2011					

\*\*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 \$74.59 to \$74.64. 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.

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.