

BEGEMANN BRETT D
 Form 4
 January 15, 2008

FORM 4

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

OMB APPROVAL

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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 *
BEGEMANN BRETT D

2. Issuer Name and Ticker or Trading Symbol
MONSANTO CO /NEW/ [MON]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

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

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

800 N. LINDBERGH BLVD.

01/11/2008

EVP, Global Commercial

(Street)

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

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

ST. LOUIS, MO 63167

(City) (State) (Zip)

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 Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	01/11/2008		S	4,352	D \$ 119.75	92,662	D
Common Stock	01/11/2008		S	200	D \$ 119.77	92,462	D
Common Stock	01/11/2008		S	500	D \$ 119.79	91,962	D
Common Stock	01/11/2008		S	400	D \$ 119.8	91,562	D
Common Stock	01/11/2008		S	400	D \$ 119.81	91,162	D

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Common Stock	01/11/2008	S	100	D	\$ 119.84	91,062	D	
Common Stock	01/11/2008	S	100	D	\$ 119.86	90,962	D	
Common Stock	01/11/2008	S	100	D	\$ 119.87	90,862	D	
Common Stock	01/11/2008	S	900	D	\$ 119.88	89,962	D	
Common Stock	01/11/2008	S	300	D	\$ 119.89	89,662	D	
Common Stock	01/11/2008	S	100	D	\$ 119.9	89,562	D	
Common Stock	01/11/2008	S	4,200	D	\$ 120	85,362	D	
Common Stock	01/11/2008	S	100	D	\$ 120.01	85,262	D	
Common Stock	01/11/2008	S	200	D	\$ 120.04	85,062	D	
Common Stock	01/11/2008	S	500	D	\$ 120.1	84,562	D	
Common Stock	01/11/2008	S	448	D	\$ 120.13	84,114	D	
Common Stock	01/11/2008	S	200	D	\$ 120.14	83,914	D	
Common Stock	01/11/2008	S	800	D	\$ 120.15	83,114	D	
Common Stock	01/11/2008	S	700	D	\$ 120.18	82,414	D	
Common Stock	01/11/2008	S	300	D	\$ 120.19	82,114	D	
Common Stock	01/11/2008	S	100	D	\$ 120.82	82,014	D	
Common Stock						5,038	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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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

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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 (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur 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
BEGEMANN BRETT D 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167			EVP, Global Commercial	

Signatures

/s/ Christopher A. Martin, Attorney-in-Fact	01/15/2008
__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).

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.