

MONSANTO CO /NEW/

Form 4

August 13, 2007

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
burden hours per
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
BEGEMANN BRETT D

(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)
08/09/2007

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

EVP-International Commercial

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ 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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	04/17/2007		G	V 450 D \$ 0	70,392	D	
Common Stock	08/09/2007		M ⁽¹⁾	24,925 A \$ 16.1925	95,317	D	
Common Stock	08/09/2007		S ⁽¹⁾	500 D \$ 69.04	94,817	D	
Common Stock	08/09/2007		S ⁽¹⁾	425 D \$ 69.01	94,392	D	
Common Stock	08/09/2007		S ⁽¹⁾	600 D \$ 68.9	93,792	D	

Edgar Filing: MONSANTO CO /NEW/ - Form 4

Common Stock	08/09/2007	<u>S(1)</u>	200	D	\$ 68.87	93,592	D
Common Stock	08/09/2007	<u>S(1)</u>	200	D	\$ 68.84	93,392	D
Common Stock	08/09/2007	<u>S(1)</u>	800	D	\$ 68.78	92,592	D
Common Stock	08/09/2007	<u>S(1)</u>	1,200	D	\$ 68.75	91,392	D
Common Stock	08/09/2007	<u>S(1)</u>	300	D	\$ 68.74	91,092	D
Common Stock	08/09/2007	<u>S(1)</u>	300	D	\$ 68.68	90,792	D
Common Stock	08/09/2007	<u>S(1)</u>	300	D	\$ 68.62	90,492	D
Common Stock	08/09/2007	<u>S(1)</u>	300	D	\$ 68.6	90,192	D
Common Stock	08/09/2007	<u>S(1)</u>	300	D	\$ 68.59	89,892	D
Common Stock	08/09/2007	<u>S(1)</u>	400	D	\$ 68.57	89,492	D
Common Stock	08/09/2007	<u>S(1)</u>	600	D	\$ 68.54	88,892	D
Common Stock	08/09/2007	<u>S(1)</u>	800	D	\$ 68.52	88,092	D
Common Stock	08/09/2007	<u>S(1)</u>	68	D	\$ 68.51	88,024	D
Common Stock	08/09/2007	<u>S(1)</u>	1,000	D	\$ 68.5	87,024	D
Common Stock	08/09/2007	<u>S(1)</u>	132	D	\$ 68.49	86,892	D
Common Stock	08/09/2007	<u>S(1)</u>	500	D	\$ 68.48	86,392	D
Common Stock	08/09/2007	<u>S(1)</u>	600	D	\$ 68.47	85,792	D
Common Stock	08/09/2007	<u>S(1)</u>	500	D	\$ 68.46	85,292	D
Common Stock	08/09/2007	<u>S(1)</u>	200	D	\$ 68.45	85,092	D
Common Stock	08/09/2007	<u>S(1)</u>	100	D	\$ 68.44	84,992	D
	08/09/2007	<u>S(1)</u>	800	D	\$ 68.42	84,192	D

Common
Stock

Common Stock	08/09/2007	S ⁽¹⁾	1,200	D	\$ 68.41	82,992	D
Common Stock	08/09/2007	S ⁽¹⁾	700	D	\$ 68.39	82,292	D
Common Stock	08/09/2007	S ⁽¹⁾	1,000	D	\$ 68.38	81,292	D
Common Stock	08/09/2007	S ⁽¹⁾	900	D	\$ 68.37	80,392	D

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.

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. 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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Option (Right to Buy)	\$ 16.1925	08/09/2007		M ⁽¹⁾	24,925	03/15/2005 ⁽²⁾ 02/26/2014	Common Stock 24,925

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
BEGEMANN BRETT D 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167	EVP-International Commercial

Signatures

Christopher A. Martin,
Attorney-in-Fact

08/13/2007

__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).
- (1) The sales and stock option exercise reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on July 9, 2007.

One-third of the options became exercisable on March 15, 2005, one-third of the options became exercisable on March 15, 2006 and
- (2) one-third of the options become exercisable on March 15, 2007, subject to the terms and conditions of the Monsanto Company Long Term Incentive Plan.

Remarks:

The Reporting Person had multiple transactions on August 9, 2007 Due to a limitation on the number of transactions that can

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.