

MONSANTO CO /NEW/
Form 4
February 19, 2008

FORM 4

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

OMB APPROVAL

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
CREWS TERRELL K

(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)
02/15/2008

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
EVP, CFO & Seminis CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)
			Code	V	Amount or Price		
Common Stock	02/15/2008		S ⁽¹⁾		200	D	\$ 115.6 165,060
Common Stock	02/15/2008		S ⁽¹⁾		100	D	\$ 115.647 164,960
Common Stock	02/15/2008		S ⁽¹⁾		100	D	\$ 115.665 164,860
Common Stock	02/15/2008		S ⁽¹⁾		100	D	\$ 115.715 164,760
Common Stock	02/15/2008		S ⁽¹⁾		100	D	\$ 115.72 164,660

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Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 115.74	164,560	D	
Common Stock	02/15/2008	<u>S(1)</u>	200	D	\$ 115.79	164,360	D	
Common Stock	02/15/2008	<u>S(1)</u>	200	D	\$ 115.81	164,160	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 115.89	164,060	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 115.93	163,960	D	
Common Stock	02/15/2008	<u>S(1)</u>	200	D	\$ 115.95	163,760	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 115.97	163,660	D	
Common Stock	02/15/2008	<u>S(1)</u>	200	D	\$ 115.99	163,460	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 116	163,360	D	
Common Stock	02/15/2008	<u>S(1)</u>	200	D	\$ 116.006	163,160	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 116.008	163,060	D	
Common Stock	02/15/2008	<u>S(1)</u>	1,500	D	\$ 116.01	161,560	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 116.016	161,460	D	
Common Stock	02/15/2008	<u>S(1)</u>	200	D	\$ 116.02	161,260	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 116.04	161,160	D	
Common Stock	02/15/2008	<u>S(1)</u>	800	D	\$ 116.05	160,360	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 116.08	160,260	D	
Common Stock	02/15/2008	<u>S(1)</u>	100	D	\$ 116.1	160,160	D	
Common Stock						6,440	I	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

SEC 1474
(9-02)

