

MONSANTO CO /NEW/  
Form 4  
July 09, 2007

**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 \*  
**CLARK RICHARD B**

(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)  
07/05/2007

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)  
Vice President and Controller

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	(A) or (D)	Price
Common Stock	07/05/2007		M		12,666	A	\$ 8.0725
Common Stock	07/05/2007		S		200	D	\$ 66.53
Common Stock	07/05/2007		S		500	D	\$ 66.55
Common Stock	07/05/2007		S		3,200	D	\$ 66.56
Common Stock	07/05/2007		S		400	D	\$ 66.57

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Common Stock	07/05/2007	S	600	D	\$ 66.58	53,378	D	
Common Stock	07/05/2007	S	400	D	\$ 66.6	52,978	D	
Common Stock	07/05/2007	S	200	D	\$ 66.61	52,778	D	
Common Stock	07/05/2007	S	300	D	\$ 66.62	52,478	D	
Common Stock	07/05/2007	S	100	D	\$ 66.64	52,378	D	
Common Stock	07/05/2007	S	400	D	\$ 66.65	51,978	D	
Common Stock	07/05/2007	S	200	D	\$ 66.66	51,778	D	
Common Stock	07/05/2007	S	500	D	\$ 66.67	51,278	D	
Common Stock	07/05/2007	S	200	D	\$ 66.71	51,078	D	
Common Stock	07/05/2007	S	100	D	\$ 66.74	50,978	D	
Common Stock	07/05/2007	S	300	D	\$ 66.75	50,678	D	
Common Stock	07/05/2007	S	700	D	\$ 66.76	49,978	D	
Common Stock	07/05/2007	S	500	D	\$ 66.77	49,478	D	
Common Stock	07/05/2007	S	100	D	\$ 66.83	49,378	D	
Common Stock	07/05/2007	S	500	D	\$ 66.81	48,878	D	
Common Stock	07/05/2007	S	700	D	\$ 66.8	48,178	D	
Common Stock	07/05/2007	S	1,300	D	\$ 66.78	46,878	D	
Common Stock	07/05/2007	S	700	D	\$ 66.79	46,178	D	
Common Stock	07/05/2007	S	566	D	\$ 66.82	45,612	D	
Common Stock	07/05/2007	I	8,223	D	\$ 66.41	0	I	By 401(k) Plan
						184	I	



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One-third of the options became exercisable on April 25, 2004, one-third of the options became exercisable on March 15, 2005 and one-third of the options became exercisable on March 15, 2006, subject to the terms of the Monsanto Company Long Term Incentive Plan.

- (2) 1 for 1
- (3) The reported phantom share units were acquired under Monsanto Company's excess benefit plan and are to be settled upon the reporting person's retirement or other termination of service.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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