

Snively David F
Form 4
May 15, 2013

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 *
Snively David F

(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)
05/13/2013

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, Secy & Gen. Counsel

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	02/05/2013		G	V 500 D \$ 0	57,095	D	
Common Stock	05/13/2013		M	17,220 (1) A \$ 87.14	74,315	D	
Common Stock	05/13/2013		M	23,060 (1) A \$ 89.45	97,375	D	
Common Stock	05/13/2013		M	25,870 (1) A \$ 70.69	123,245	D	
Common Stock	05/13/2013		M	27,680 (1) A \$ 58.71	150,925	D	

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Common Stock	05/13/2013	M	12,536 <u>(1)</u>	A	\$ 74.79	163,461	D	
Common Stock	05/13/2013	S	106,366 <u>(1)</u>	D	\$ 107.2428 <u>(2)</u>	57,095	D	
Common Stock						19,820	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)

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)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option (Right to Buy)	\$ 87.14	05/13/2013		M	17,220	11/15/2008 ⁽³⁾ 10/22/2017	Common Stock	17,220	
Option (Right to Buy)	\$ 89.45	05/13/2013		M	23,060	11/15/2009 ⁽⁴⁾ 10/20/2018	Common Stock	23,060	
Option (Right to Buy)	\$ 70.69	05/13/2013		M	25,870	11/15/2010 ⁽⁵⁾ 10/26/2019	Common Stock	25,870	
Option (Right to Buy)	\$ 58.71	05/13/2013		M	27,680	11/15/2011 ⁽⁶⁾ 10/25/2020	Common Stock	27,680	
Option (Right to Buy)	\$ 74.79	05/13/2013		M	12,536	11/15/2012 ⁽⁷⁾ 10/24/2021	Common Stock	12,536	

