MONSANTO CO /NEW/

Form 4

January 05, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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 See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Stern Michael K Issuer Symbol MONSANTO CO /NEW/ [MON] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _ __ Other (specify MONSANTO COMPANY, 800 12/31/2015 below) NORTH LINDBERGH BLVD. VP, and President/COO, Climate (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting ST. LOUIS, MO 63167 Person

(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned		
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of (D)			*	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect		
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)			Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)				Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)		
					(A) or		Reported Transaction(s) (Instr. 3 and 4)				
			Code V	Amount	(D)	Price	(mstr. 3 and 4)				
Common Stock	12/31/2015		F	4,386 (1)	D	\$ 98.52	15,983	D			
Common Stock							4,176	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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security or I (Instr. 3) Prio Der		or Exercise Price of Derivative Security	(A. Comin Day (Car)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/Year) ve es d		Underly Securiti	rlying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Other Director 10% Owner Officer

Stern Michael K MONSANTO COMPANY 800 NORTH LINDBERGH BLVD. ST. LOUIS, MO 63167

VP, and President/COO, Climate

Signatures

Jennifer L. Woods, 01/05/2016 Attorney-in-Fact

**Signature of Reporting Person

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).
- On December 31, 2015, 10,000 restricted stock units became fully vested for which taxes became due and payable. 4,386 restricted stock units were used for the payment of these taxes.

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.

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