MONSANTO CO /NEW/

Form 4

February 02, 2016

FORM 4

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

SECURITIES

OMB

Check this box STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires: 2005

OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

obligations

Estimated average burden hours per response... 0.5

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(City)

Stock

(State)

01/29/2016

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person ** Fields Janice L			2. Issuer Name and Ticker or Trading Symbol MONSANTO CO /NEW/ [MON]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Chook an approacto)			
MONSANTO COMPANY, 800 N. LINDBERGH BLVD.		Y, 800 N.	(Month/Day/Year) 01/29/2016	XDirector10% Owner Officer (give title below) Other (specify below)			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
ST. LOUIS, MO 63167			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Ad	equired	5. Amount of	6. Ownership	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of			Securities	Form: Direct	Indirect		
(Instr. 3)		any	Code	(D)		Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Owned	Indirect (I)	Ownership		
						Following	(Instr. 4)	(Instr. 4)		
				(A)		Reported				
				(A)		Transaction(s)				
			C 1 W	or	ъ.	(Instr. 3 and 4)				
			Code V	Amount (D)	Price					
Common Stock	01/29/2016		A	140 (1) A	\$ 90.6	24,933	D			
Common	01/00/0016		A	1 477 (2)	\$	25,000	Ъ			

147 ⁽²⁾ A

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Α

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

D

25,080

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	Expiration Date		t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

Director 10% Owner Officer Other

Fields Janice L MONSANTO COMPANY 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167

X

Signatures

Michelle Bushore, 02/02/2016 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).

Represents dividend equivalents with respect to shares of deferred common stock deliverable upon termination as a director under the Monsanto Company Non-Employee Director Equity Incentive Compensation Plan. Deferred common stock and dividend equivalents are

- (1) credited to a stock unit account in the form of hypothetical shares, which vest in installments on the last day of each plan month during the director's term. Shares of deferred stock that do not vest, because of termination as a director or certain changes in committee roles, are forfeited.
- Represents shares of deferred common stock granted under the Monsanto Company Non-Employee Director Equity Incentive Compensation Plan as a result of a change in the reporting person's compensation following a change in committee role.

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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