FRALEY ROBERT T

Form 4

November 16, 2017

FORM 4

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

OMB APPROVAL OMB 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Number: January 31, Expires: 2005

Form 4 or Form 5 obligations may continue.

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

Estimated average burden hours per response... 0.5

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Personal FRALEY ROBERT T	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middl	MONSANTO CO /NEW/ [MON] 3. Date of Earliest Transaction	(Check all applicable)			
MONSANTO COMPANY, 800 LINDBERGH BLVD.	(Month/Day/Year) N. 11/15/2017	Director 10% OwnerX Officer (give title Other (specify below) EVP, Chief Technology Officer			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
ST. LOUIS, MO 63167		Form filed by More than One Reporting Person			
(City) (State) (Zip)		quired, Disposed of, or Beneficially Owned			

(City)	(State)	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. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	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)
Common Stock	11/15/2017		F	2,232 (1)	D	\$ 117.26	39,358	D	
Common Stock							18,940	I	By Trust - Children's
Common Stock							15,000	I	By Trust - 2016 GRAT II
Common Stock							4,009	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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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative		3. Transaction Date (Month/Day/Year)		4. Transacti	5. onNumber	6. Date Exerc Expiration D		7. Title		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise		any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/ e		Under Securi	lying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

FRALEY ROBERT T MONSANTO COMPANY 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167

EVP, Chief Technology Officer

Signatures

Matthew E. Johnson, Attorney-in-Fact

11/16/2017

Date

**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 November 15, 2017, 4,894 time-based restricted stock units became fully vested for which taxes became due and payable. 2,232 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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