#### MONSANTO CO /NEW/

Form 4

November 17, 2015

# FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5
obligations
may continue.

See Instruction

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

1(b).

(Print or Type Responses)

(11mt of Type	(Responses)								
1. Name and Address of Reporting Person * GRANT HUGH			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)	rst) (Middle) 3. Date of Earliest Tra			Γransaction	•			
	TO COMPANY, GH BLVD.	800 N.	(Month/1 10/26/2	Day/Year) 2015		_X_ Director _X_ Officer (gi below)			
(Street)			4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check			
ST. LOUIS		Filed(Month/Day/Year)			Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Tab	ole I - Non-	Derivative Securities Acc	quired, Disposed	of, or Benefic	ially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any (Month/Da	Date, if	3. Transactic Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership	

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. Securit or(A) or Dis (Instr. 3,	sposed 4 and 3	of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	10/26/2015		A	55,173 (1)	A	\$ 93.78	197,173	D	
Common Stock	11/15/2015		F	26,456 (2)	D	\$ 93.78	170,717	D	
Common Stock							120,000	I	By Trust - Grant Family Limited Partnership
Common Stock							7,047	I	By 401(k) Plan

#### Edgar Filing: MONSANTO CO /NEW/ - Form 4

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans

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	e and	8. Price of	٩
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	ate	Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						7
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration		Number		
						Exercisable I	Date		of		
				Code V	(A) (D)				Shares		

Deletionship

#### **Reporting Owners**

Reporting Owner Name / Address				
	Director	10% Owner	Officer	Other
GRANT HUGH MONSANTO COMPANY 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167	X		Chairman & CEO	

### **Signatures**

Jennifer L. Woods, Attorney-in-Fact

\*\*Signature of Reporting Person Date 
Description

## **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).
- (1) Restricted stock unit grant pursuant to the Monsanto Company 2005 Long-Term Incentive Plan, vesting on November 15, 2015.
- (2) On November 15, 2015, 55,173 performance-based restricted stock units became fully vested for which taxes became due and payable. 26,456 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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