MONSANTO CO /NEW/

Form 4

November 17, 2016

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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Washington, D.C. 20549

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

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations 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).

(Print or Type Responses)

1. Name and Ad Narain Dura	•	orting Person *	2. Issuer Name and Ticker or Trading Symbol MONSANTO CO /NEW/ [MON]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (N		(Middle)		(Check all applicable)			
(Last)	(First)	(Wilddie)	3. Date of Earliest Transaction				
MONICANITA	O COMBAN	TX7 000	(Month/Day/Year)	Director 10% Owner X Officer (give title Other (specify			
MONSANTO COMPANY, 800			11/15/2016	below) below)			
NORTH LINDBERGH BLVD.				Vice President and Treasurer			
	(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			
ST. LOUIS, MO 63167				Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I Non Derivative Securities Ac	guired Disposed of ar Rapaficially Owner			

(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	ion Date 2A. Deemed y/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)		ed of (D)	5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
(III3u. 3)		•	(Instr. 8)	Amount	(A) or (D)	Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	11/15/2016		F	231 (1)	` ′	\$ 99.09	7,239	D	
Common Stock							1,041	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	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	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								^	mount		
									mount		
						Date	Expiration Date	or Title Number of			
						Exercisable					
				C + V	(A) (D)						
				Code V	(A) (D)			S	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Narain Duraiswami MONSANTO COMPANY 800 NORTH LINDBERGH BLVD. ST. LOUIS, MO 63167

Vice President and Treasurer

Signatures

Jennifer L. Woods, 11/17/2016 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 November 15, 2016, 691 restricted stock units became fully vested for which taxes became due and payable. 231 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.

Reporting Owners 2