MONSANTO CO /NEW/

Form 4

August 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

5 D 1 (* 1 * CD - (* D - () (

January 31, 2005

0.5

Estimated average burden hours per

response...

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

Check this box

obligations may continue. See Instruction

SECURITIES 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)

1 Name and Address of Departing De

07/29/2011

Stock

1. Name and Address of Reporting Person _ STEVENS ROBERT J			Symbol	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) (N	Middle) 3. Date o	f Earliest Tr	ansaction					,	
			`	Day/Year)				_X_ Director		Owner	
800 N. LINDBERGH BLVD.			07/29/2	07/29/2011				Officer (give below)	e titleOther (specify below)		
(Street)			4. If Ame	4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check				
	ST. LOUIS,	MO 63167	Filed(Mo	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	le I - Non-D	erivative (Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned	
	1.Title of	2. Transaction Date	e 2A. Deemed	3.	4. Securit	ties A	cquired	5. Amount of	6. Ownership	7. Nature of	
	Security	(Month/Day/Year)	Execution Date, if		on(A) or Di		` ′	Securities	Form: Direct	Indirect	
	(Instr. 3)		any (Manth/Day/Vaar)	Code	(Instr. 3,	4 and	5)	Beneficially Owned	(D) or	Beneficial	
	0		(Month/Day/Year)	(Instr. 8) Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
	Common	07/20/2011		٨	150(1)	۸	\$	51 997	D		

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

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

51,887

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

Edgar Filing: MONSANTO CO /NEW/ - Form 4

	. Title of	2.	3. Transaction Date (Month/Day/Year)		4.	5.	6. Date Exerc		7. Title and	8. Price of	9. Nu Deriv
5	Derivative Security Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transacti Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	s I		Amount of Underlying Securities (Instr. 3 and 4	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
					Code V	<i></i>	Date Exercisable	Expiration Date	Title Amour or Number of	er	

Reporting Owners

Reporting Owner Name / Address	Relationships						
Transfer de la companya de la compan	Director	10% Owner	Officer	Other			
STEVENS ROBERT J							
800 N. LINDBERGH BLVD.	X						
ST LOUIS MO 63167							

Signatures

/s/ Jennifer L. Woods,
Attorney-in-Fact
08/02/2011

**Signature of Reporting Person Date

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. Shares of stock are credited in the form of

(1) hypothetical shares to a stock unit account in installments on the last day of each plan month during the director's term and for the payment of dividends. Shares of deferred stock not credited to the stock unit account because of termination as a director before the end of the director's term are forfeited.

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