MONSANTO CO /NEW/

Form 4 May 03, 2011

### FORM 4

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

OMB 32

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Number: 3235-0287 Expires: January 31,

2005

0.5

**OMB APPROVAL** 

Section 16. 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 30(h) of the Investment Company Act of 1940

burden hours per response...

Estimated average

See Instruction 1(b).

(Print or Type Responses)

HARPER ARTHUR H			2. Issuer Name and Ticker or Trading  Symbol  MONS ANTO CO (NEW/ IMON)				Issuer			
		MONSANTO CO /NEW/ [MON]				(Check all applicable)				
(Last)	(First) (N	Middle) 3. Date	of Earliest Tr	ansaction						
800 N. LIN	•	(Month/Day/Year) 04/29/2011				X Director Officer (give below)		Owner er (specify		
	4. If A	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check				
		Filed(N	Ionth/Day/Year	)			Applicable Line) _X_ Form filed by	One Reporting Pe	rson	
ST. LOUIS	, MO 63167						Form filed by M Person	More than One Re	porting	
(City)	(State)	(Zip) Ta	able I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, any (Month/Day/Yea	Code	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D) 5)  Price	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	04/29/2011		A	28 (1)	A	\$ 68.04	19,669	D		

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.

SEC 1474

(9-02)

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		Date Exercisable	Expiration Date	Title Amour or Number of	er	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
<b>Fg</b>	Director	10% Owner	Officer	Other		
HARPER ARTHUR H						
800 N. LINDBERGH BLVD.	X					
ST. LOUIS, MO 63167						

### **Signatures**

Jennifer L. Woods, Attorney-in-Fact 05/03/2011

\*\*Signature of Reporting Person Dat

#### **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