#### MCMILLAN CHARLES S

Form 4

October 16, 2008

### FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to

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

January 31, Expires: 2005

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**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).

Stock

(Print or Type Responses)

MCMILLAN CHARLES S Sy			2. Issuer Name <b>and</b> Ticker or Trading Symbol				5. Relationship of Reporting Person(s) to Issuer		
MOI			MONSANTO CO /NEW/ [MON]				(Check all applicable)		
(Last)	(First) (M	fiddle) 3. Date of	Earliest Tra	ansaction					
		(Month/D	ay/Year)				_X_ Director		6 Owner
800 N. LINDBERGH BLVD.			10/14/2008				Officer (gives)	ve titleOth below)	er (specify
(Street) 4. If Am			nendment, Date Original				6. Individual or Joint/Group Filing(Check		
Filed(Mor			d(Month/Day/Year)				Applicable Line)		
ST. LOUIS,	MO 63167						•	One Reporting Pe More than One Re	
							Person		
(City)	(State)	(Zip) Tabl	e I - Non-D	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficial	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Di	ispose	d of	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following Reported	(Instr. 4)	(Instr. 4)
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common			Code V	Amount	(D)	\$			
Stock	10/14/2008		P	2,000	A	Ф 89.6	41,963	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.

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

#### Edgar Filing: MCMILLAN CHARLES S - Form 4

1. Title of	2.	3. Transaction Date (Month/Day/Year)		4.	5.	6. Date Exercisabl		7. Title and	8. Price of	9. Nu Doris
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)	5	)	Amount of Underlying Securities (Instr. 3 and 4)	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	,	Date Exp Exercisable Date		Title Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MCMILLAN CHARLES S 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167	X						

## **Signatures**

Christopher A. Martin, Attorney-in-Fact

\*\*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).

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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