McLellan Richard N Form 4 July 29, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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)

See Instruction

1. Name and Address of Reporting Person * McLellan Richard N

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) (Last)

MOSAIC CO [MOS]

(Check all applicable)

C/O THE MOSAIC

(Street)

COMPANY, 3033 CAMPUS DRIVE, SUITE E490

3. Date of Earliest Transaction (Month/Day/Year)

10% Owner X_ Officer (give title Other (specify

07/27/2009

below) Sr Vice President-Commercial

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Director

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

PLYMOUTH, MN 55441

(State) (Zip) 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially (D) or Owned Following (Instr. 4)

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Ownership Indirect (I) (Instr. 4)

(A) or

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

5,647 D

Common Stock

(City)

1. Title of

Security

(Instr. 3)

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

(Month/Day/Year)

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SEC 1474 (9-02)

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			vative ies ed	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 15.04							<u>(1)</u>	10/29/2014	Common Stock	21,593
Stock Option (right to Buy)	\$ 17.29							<u>(1)</u>	08/01/2015	Common Stock	13,915
Stock Option (Right to Buy)	\$ 15.45							<u>(4)</u>	08/04/2016	Common Stock	16,562
Restricted Stock Units	\$ 0 (2)							08/04/2009	(3)	Common Stock	1,840
Restricted Stock Units	\$ 0 (2)							10/06/2009	(3)	Common Stock	393
Stock Option (Right to Buy)	\$ 40.03							(5)	08/02/2017	Common Stock	12,574
Restricted Stock Units	\$ 0 (2)							08/02/2010	(3)	Common Stock	3,747
Stock Option (Right to Buy)	\$ 127.21							<u>(6)</u>	07/31/2018	Common Stock	2,926
Restricted Stock Units	\$ 0 (2)							07/31/2011	(3)	Common Stock	2,358
Stock Option	\$ 52.72	07/27/2009		A		6,611		<u>(7)</u>	07/27/2019	Common Stock	6,611

(Right to Buy)

Restricted

Stock \$ 0 (2) 07/27/2009 A 6,259 07/27/2012 (3) Common Stock 6,259

Units

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

McLellan Richard N

C/O THE MOSAIC COMPANY Sr Vice

3033 CAMPUS DRIVE, SUITE E490 President-Commercial

PLYMOUTH, MN 55441

Signatures

/s/ Richard L. Mack, Attorney in Fact for Richard N.
McLellan

07/29/2009

**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).
- (1) This Stock Option is 100% exercisable.
- (2) One-for-One
- (3) Not Applicable
- (4) Grant Date 08/04/2006; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (5) Grant Date 08/02/2007; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (6) Grant Date 07/31/2008; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (7) Grant Date 07/27/2009; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.

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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