McLellan Richard N 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 APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or

Form 5

SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue.

See Instruction

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).

(City)

(State)

(Zin)

(Print or Type Responses)

1. Name and Address of Reporting Person * McLellan Richard N			2. Issuer Name and Ticker or Trading Symbol MOSAIC CO [MOS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner		
C/O THE MOSAIC COMPANY, 3033 CAMPUS DRIVE, SUITE E490			07/31/2011			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
PLYMOUTH, MN 55441			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	Table Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8) Code V	Amount	(A) or (D)	Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	07/31/2011		M	2,358	A	\$ 0	12,028	D	
Common Stock	07/31/2011		F <u>(7)</u>	773	D	\$ 70.72	11,255	D	

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

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SEC 1474

(9-02)

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$\label{lem:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

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. Transaction Code (Instr. 8)	5. Number conf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	/e Expiration Da (Month/Day/Y	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>(1)</u>	08/04/2016	Common Stock	16,562	
Stock Option (Right to Buy)	\$ 40.03					<u>(1)</u>	08/02/2017	Common Stock	12,574	
Stock Option (Right to Buy)	\$ 127.21					<u>(1)</u>	07/31/2018	Common Stock	2,926	
Restricted Stock Units	\$ 0 (2)	07/31/2011		M	2,35	8 07/31/2011	(3)	Common Stock	2,358	
Stock Option (Right to Buy)	\$ 52.72					<u>(4)</u>	07/27/2019	Common Stock	6,611	
Restricted Stock Units	\$ 0 (2)					07/27/2012	(3)	Common Stock	6,259	
Stock Option	\$ 44.93					(5)	07/27/2020	Common Stock	10,130	

(Right to Buy)					
Restricted Stock Units	\$ 0 <u>(2)</u>	07/27/2013	(3)	Common Stock	5,564
Stock Option (Right to Buy)	\$ 70.62	<u>(6)</u>	07/21/2021	Common Stock	6,460
Restricted Stock Units	\$ 0 <u>(2)</u>	07/21/2014	(3)	Common Stock	2,832

Reporting Owners

Reporting Owner Name / Address	Relationships					
Reporting Owner Name / Nauress	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

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).
- (1) This Stock Option is 100% exercisable.
- (2) One-for-One
- (3) Not Applicable
- (4) 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.
- (5) Grant Date 07/27/2010; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (6) Grant Date 07/21/2011; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (7) Shares withheld to cover tax liability incurred as a result of vesting of Restricted Stock Units.

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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