MOSAIC CO Form 4/A October 09, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

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

may continue.

See Instruction

Check this box

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

(Print or Type Responses)

1(b).

Common

Stock

10/10/2008

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading COCHRAN PHYLLIS E Issuer Symbol MOSAIC CO [MOS] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Officer (give title Other (specify C/O THE MOSAIC 10/09/2008 below) COMPANY, 3033 CAMPUS DRIVE, SUITE E490 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person 10/14/2008 Form filed by More than One Reporting PLYMOUTH, MN 55441 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned Ownership (D) or Indirect (I) (Instr. 4) **Following** Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

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

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 $1,000^{(3)}$

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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. Transactic Code (Instr. 8)	5. Number on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerci Expiration Date (Month/Day/Y	te	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
Restricted Stock Units	\$ 0 (1)					10/06/2009	(2)	Common Stock	3,888
Restricted Stock Units	\$ 0 (1)					08/02/2010	(2)	Common Stock	1,624
Restricted Stock Units	\$ 0 <u>(1)</u>	10/09/2008		A	2,327	10/09/2011	(2)	Common Stock	2,327

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	Relationships 10% Owner Officer	Other			
COCHRAN PHYLLIS E C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490	X					
PLYMOUTH, MN 55441						

Signatures

/s/ Richard L. Mack, Attorney in Fact for Phyllis E.
Cochran 10/09/2012

**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) One-for-one
- (2) Not applicable
- (3) These shares were originally reported and have subsequently been reported as owned directly by the reporting person.

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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