MOSAIC CO Form 4/A March 10, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Estimated average burden hours per response...

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

1(b).

(Print or Type Responses)

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

(Last)

(City)

(First) (Middle)

MOSAIC CO [MOS] 3. Date of Earliest Transaction

(Check all applicable)

C/O THE MOSAIC COMPANY, 3033 CAMPUS

DRIVE, SUITE E490

(Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title 03/03/2016 below)

Sr Vice President-Commercial

(Street)

(State)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

03/07/2016

PLYMOUTH, MN 55441

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

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

(Zip)

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

5. Amount of Securities Beneficially Owned Following Reported

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

(A) Transaction(s) or (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.

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)

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

5. Number of Transaction Derivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8 Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired (A) or Disposed o (D) (Instr. 3, 4, and 5)		(A) ed of	(Month/Day/Year)		(Instr. 3 and 4)		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 28.49	03/03/2016		A		43,807 (1)		(2)	03/03/2026	Common Stock	43,807

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

McLellan Richard N C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441

Sr Vice President-Commercial

Signatures

/s/ Mark J. Isaacson, Attorney in Fact for Richard N.
McLellan

03/10/2016

**Signature of Reporting Person Date

amending this line item to reflect the final calculation of the number shares underlying the stock option.

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).
- At the time the original Form 4 was filed, the exact number of shares underlying the stock option was not known, as the final Black (1) Scholes calculation with respect to the stock option had not been completed by a third-party provider. The reporting person is hereby
- (2) Grant Date 03/03/2016; 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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