MOSAIC CO Form 4 February 19, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

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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 *LUMPKINS ROBERT L			2. Issuer Name and Ticker or Trading Symbol MOSAIC CO [MOS]	5. Relationship of Reporting Person(s) to Issuer		
(Last) C/O THE MO COMPANY, DRIVE, SUI	3033 CAM	(Middle) MPUS	3. Date of Earliest Transaction (Month/Day/Year) 02/17/2016	(Check all applicable) _X_ Director		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		

PLYMOUTH, MN 55441

X Form filed by One Reporting Person Form filed by More than One Reporting

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secu	rities Acq	quired, Disposed	of, or Beneficia	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi or(A) or Di (Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/17/2016		P	2,000	A	\$ 24.97 (1)	5,031	I	Robert L. Lumpkins Revocable Trust
Common Stock	02/19/2016		P	1,000	A	\$ 24.57	6,031	I	Robert L. Lumpkins Revocable Trust
Common Stock							3,303	D	

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			By GRAT
Common	16,450	т	#6 dated
Stock	10,430	1	April 2,
			2015

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

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SEC 1474

(9-02)

8. Price of Derivative Security (Instr. 5)

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

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. orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration D (Month/Day, e	b. 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	
Restricted Stock Units	\$ 0 (2)					(3)	<u>(4)</u>	Common Stock	3,350	
Restricted Stock Units	\$ 0 (2)					<u>(5)</u>	<u>(4)</u>	Common Stock	5,274	
Restricted Stock Units	\$ 0 (2)					<u>(6)</u>	<u>(4)</u>	Common Stock	5,707	

Reporting Owners

Reporting Owner Name / Address	Relationships					
coporting of the remarks	Director	10% Owner	Officer	Other		
LUMPKINS ROBERT L C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441	X					

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Signatures

/s/Mark J. Isaacson, Attorney-in-Fact for Robert L. Lumpkins

02/19/2016

**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).
- The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$24.94 to \$25.00, inclusive. The reporting person undertakes to provide to The Mosaic Company, any security holder of The Mosaic Company, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote 1 to this Form 4.
- (2) One-for-One
- (3) The restricted stock units vested on May 15, 2014. Vested shares will be delivered to the reporting person on October 3, 2016.
- (4) Not applicable
- (5) The restricted stock units vested on May 15, 2015. Vested shares will be delivered to the reporting person on May 15, 2017.
- The restricted stock units will vest on the date of the issuer's 2016 Annual Meeting of Stockholders. Vested shares will be delivered to the reporting person on May 14, 2018.

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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