MOSAIC CO Form 4 October 06, 2015

FORM 4

Check this box

if no longer

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Form 5

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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Section 16. Form 4 or obligations may continue.

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 *_LUMPKINS ROBERT L	Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (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) 10/04/2015	_X_ Director 10% Owner Officer (give title below) Other (specification)			
(Street) PLYMOUTH, MN 55441	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City) (State) (Zip)		1 (150)1			

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(City)	(State) (2	Zip) Table	e I - Non-D	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly 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 onAcquired Disposed (Instr. 3,	l (A) o l 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	10/04/2015		M	3,303 (1)	A	\$ 0	3,303	D	
Common Stock							3,031	I	By GRAT #5 dated June 25, 2012
Common Stock							16,450	I	By GRAT #6 dated April 2, 2015

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

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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)	Sec Acc (A) Disj	urities quired or posed of str. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. P Der Sec (Ins
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0 (2)	10/04/2015		M		4,719	(3)	<u>(4)</u>	Common Stock	4,719	
Restricted Stock Units	\$ 0 (2)						(5)	<u>(4)</u>	Common Stock	3,350	
Restricted Stock Units	\$ 0 (2)						<u>(6)</u>	<u>(4)</u>	Common Stock	5,274	
Restricted Stock Units	\$ 0 (2)						<u>(7)</u>	<u>(4)</u>	Common Stock	5,707	

Reporting Owners

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

Signatures

/s/Mark J. Isaacson, Attorney-in-Fact for Robert L.
Lumpkins 10/06/2015

Reporting Owners 2

**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 reporting person, pursuant to the terms of the Restricted Stock Unit Agreement under which the award of restricted stock units was made, elected to receive 30% of the restricted stock units in the form of cash with the balance paid in the form of shares of common stock at the time the award was paid.
- (2) One for one
- (3) The restricted stock units vested on October 4, 2013. Vested shares were delivered to the reporting person on October 4, 2015.
- (4) Not applicable
- (5) The restricted stock units vested on May 15, 2014. Vested shares will be delivered to the reporting person on October 3, 2016.
- (6) The restricted stock units vested on May 14, 2015. Vested shares will be delivered to the reporting person on May 15, 2017.
- (7) 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.

Signatures 3